



1/45

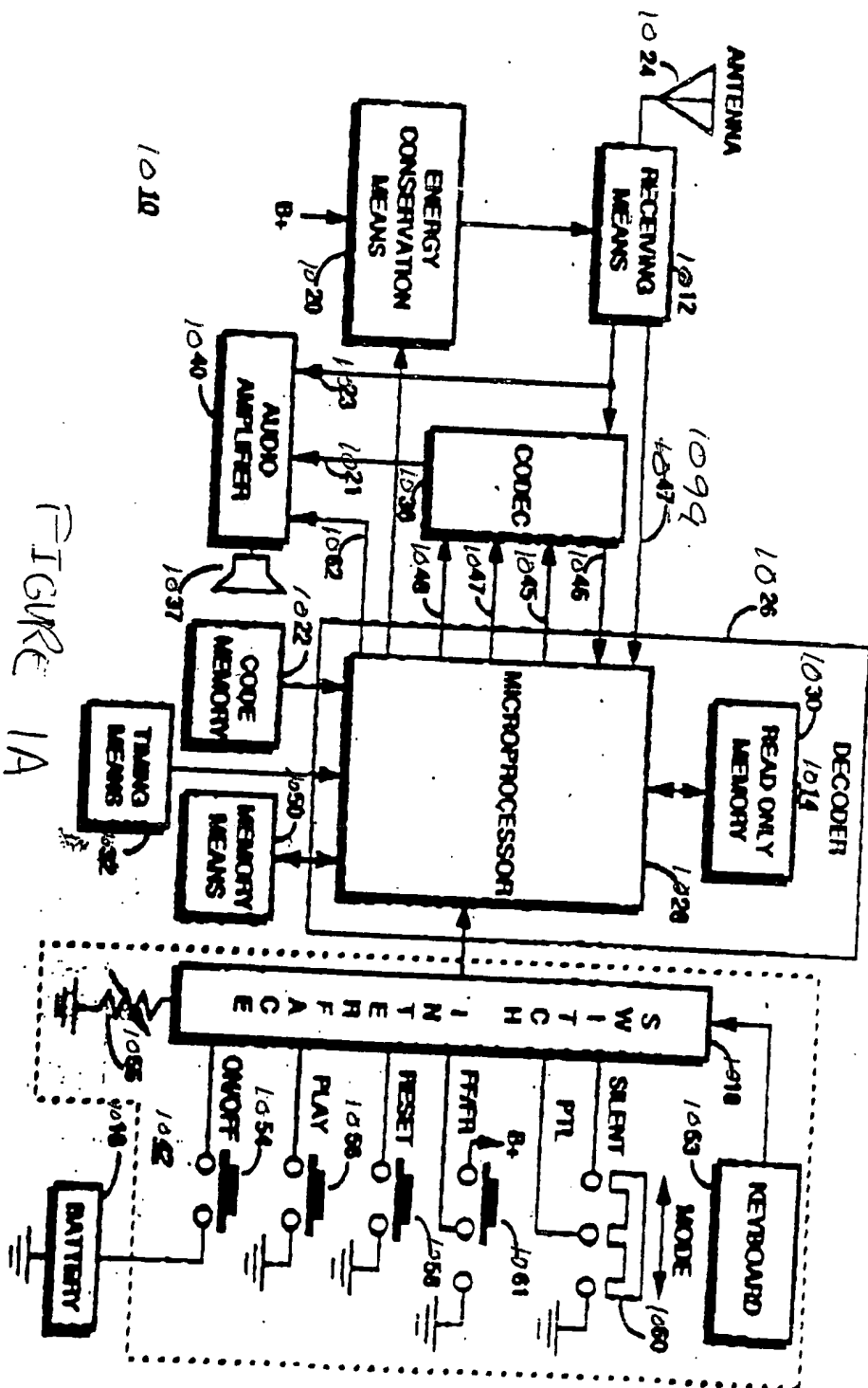


FIGURE 1A
PRIOR ART

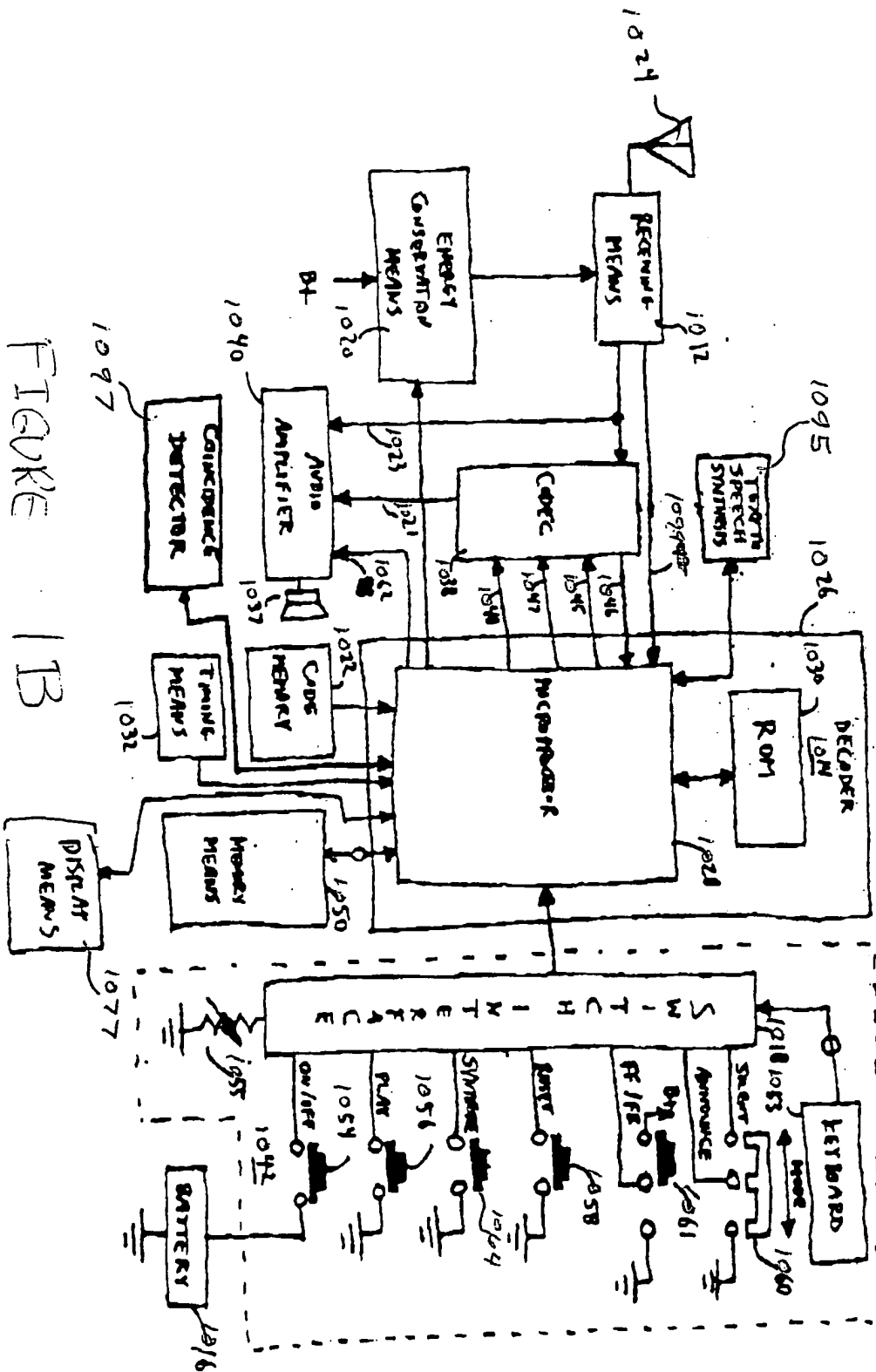
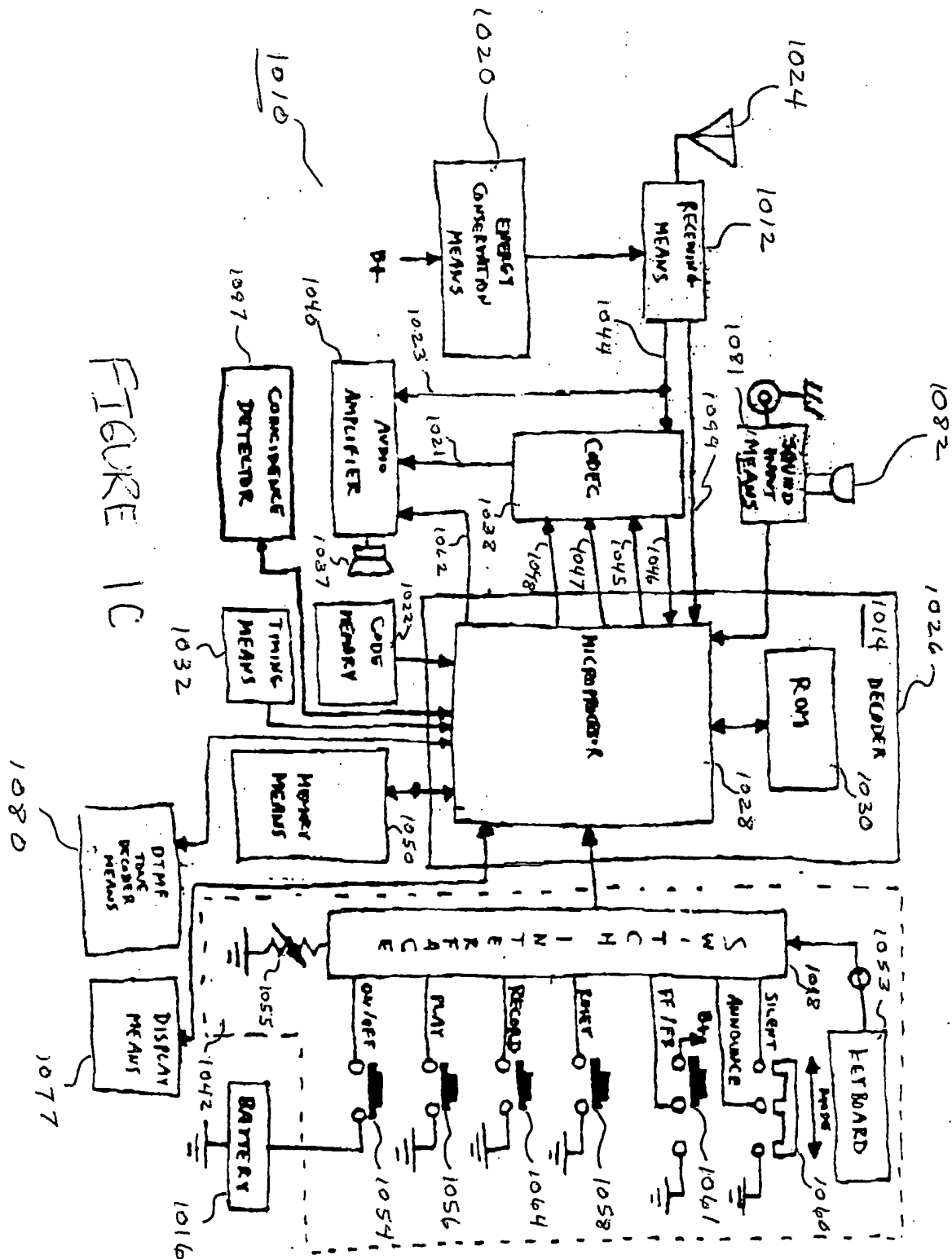


FIGURE 1B



4/45

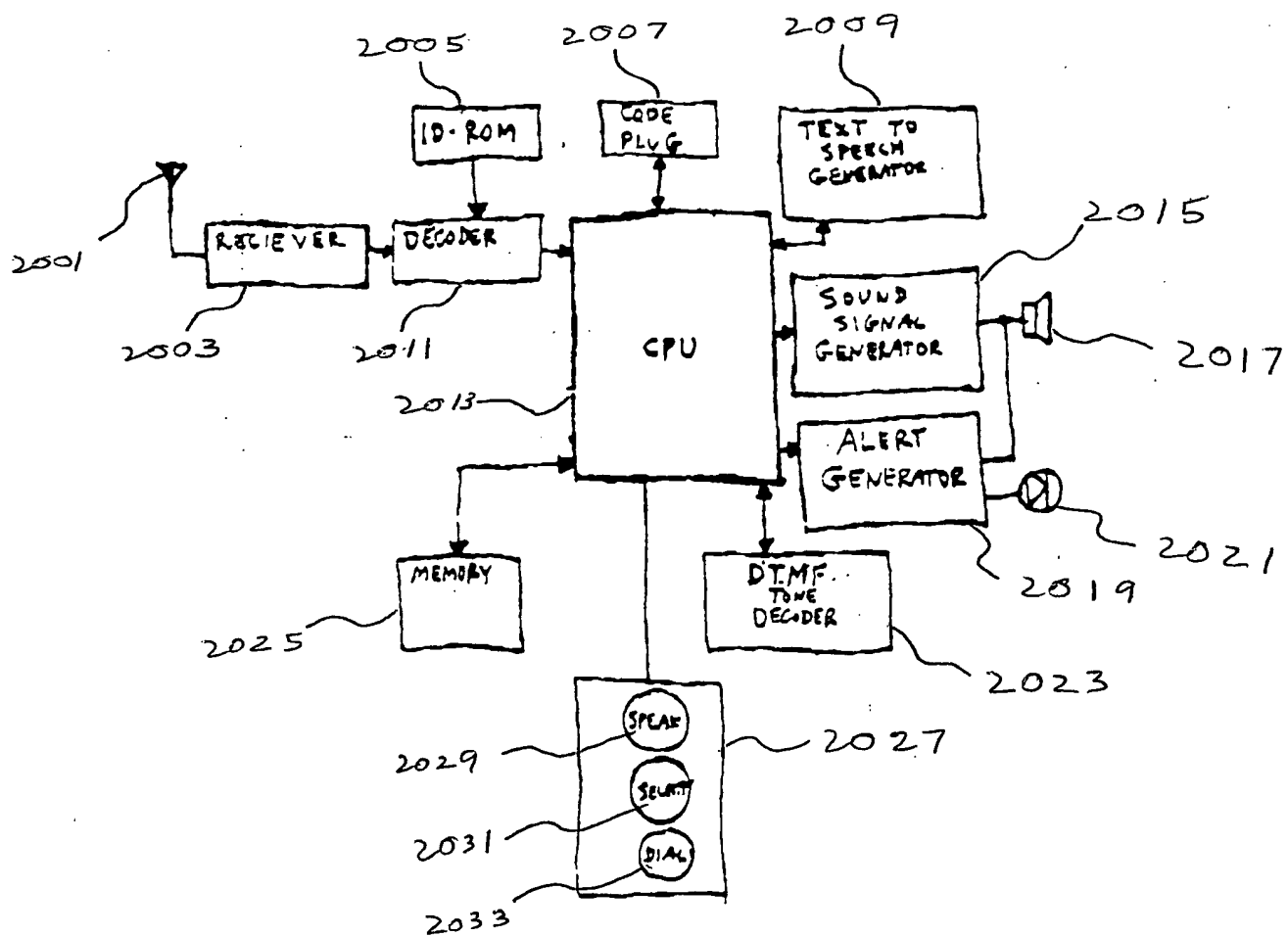


FIGURE 1D

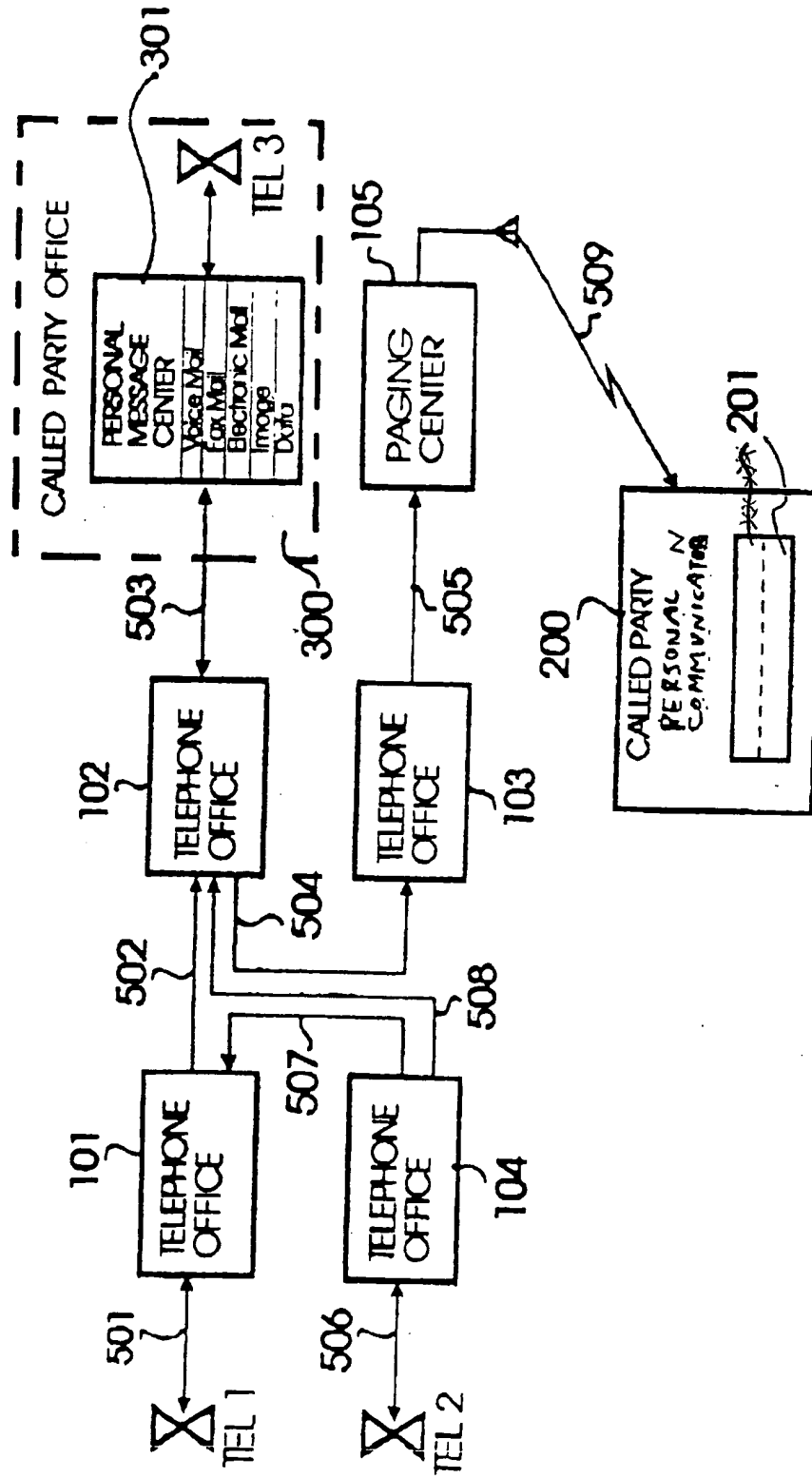


FIGURE 2A

6/45

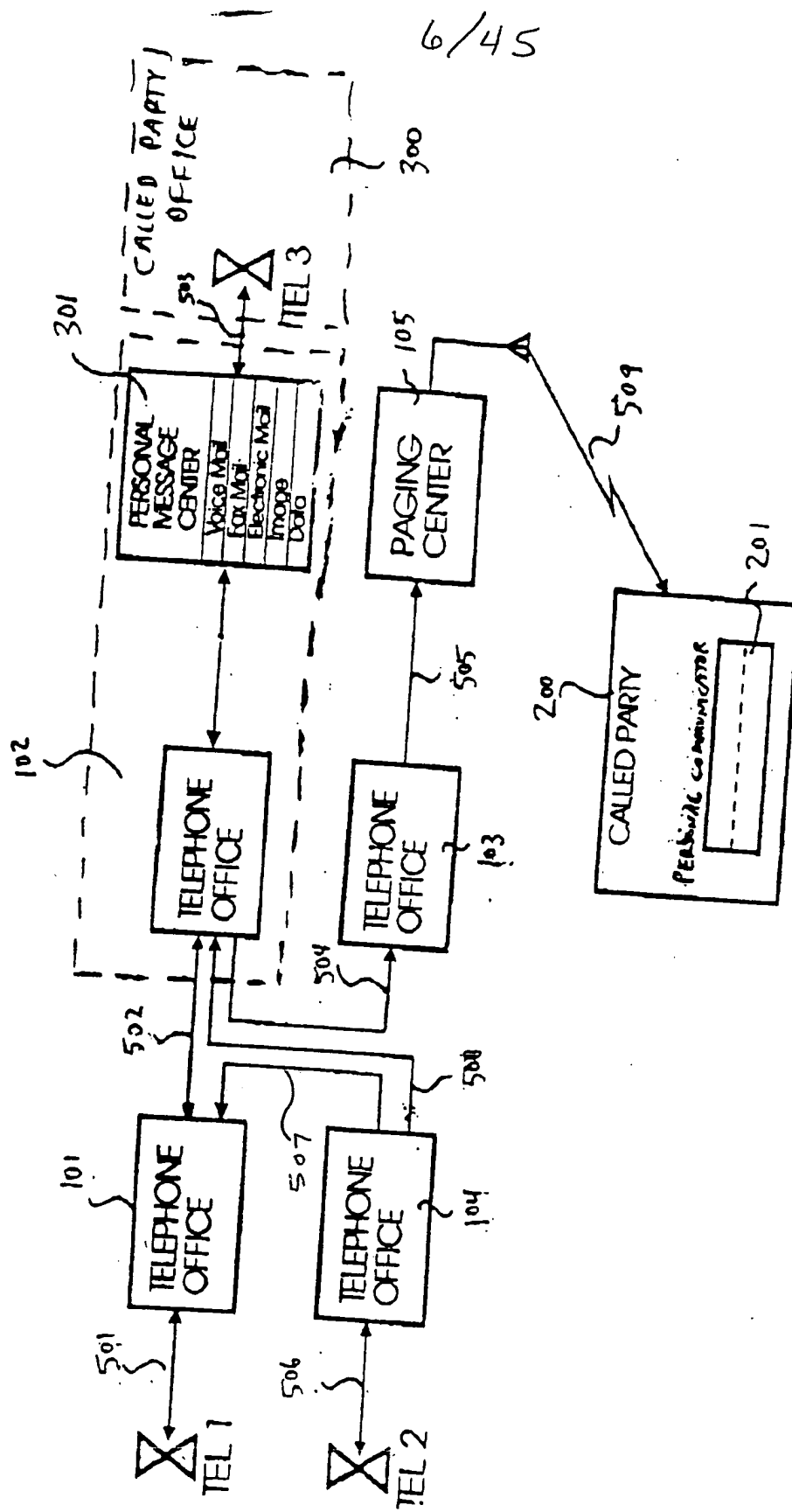


FIGURE 2B

7/45

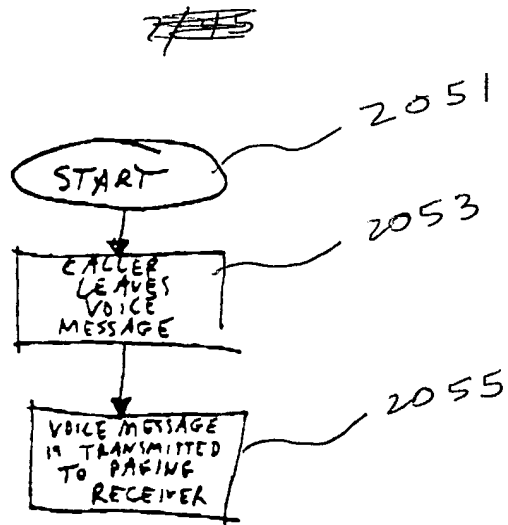


FIGURE 3A (PRIOR ART)

7/45

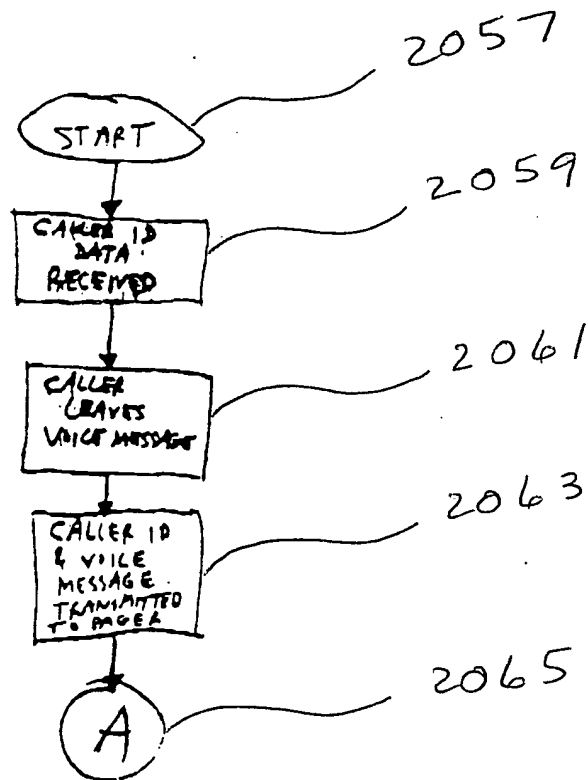


FIGURE 3B

8/45

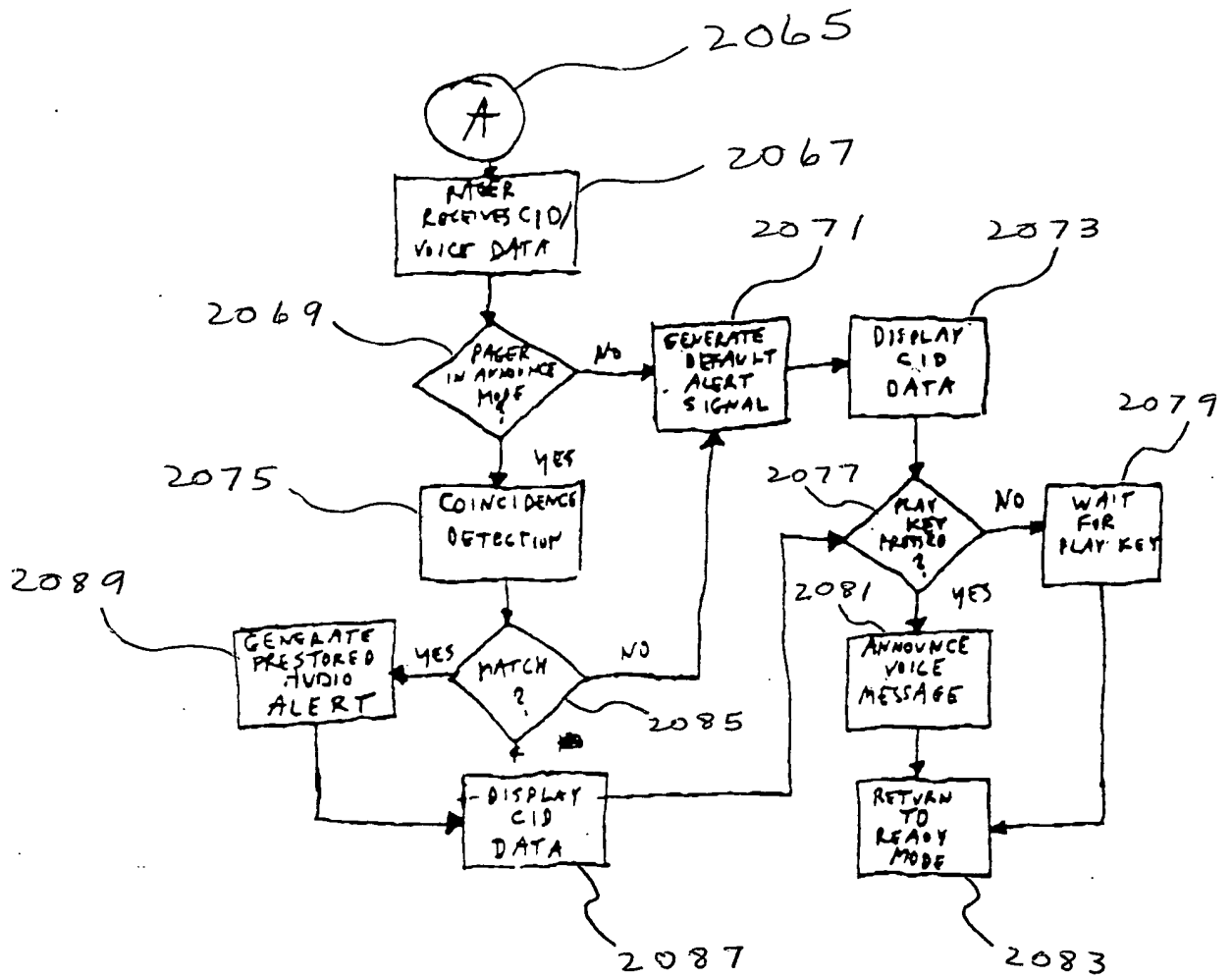


FIGURE 4A

9/45

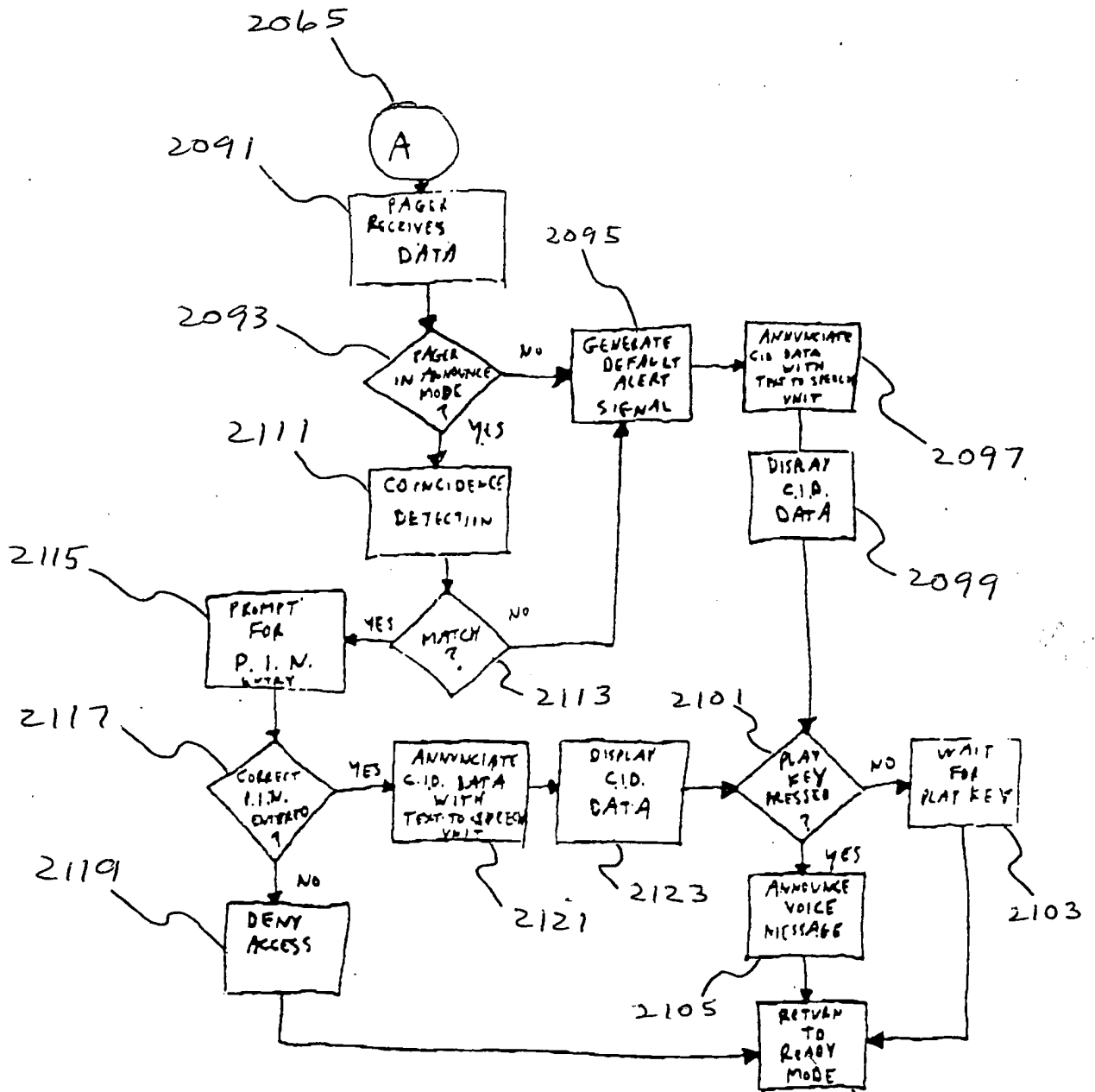


FIGURE 4B

2107

10/45

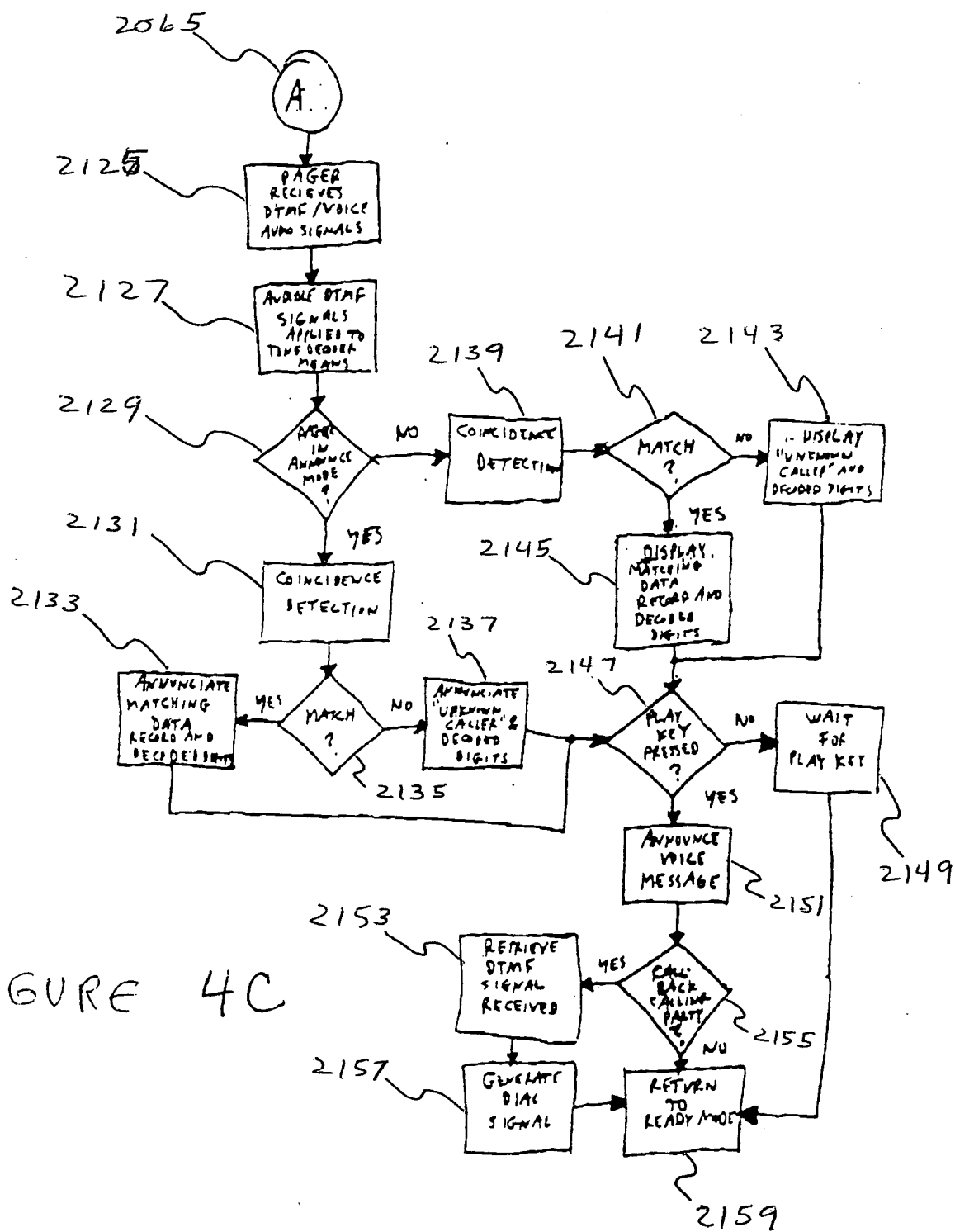


FIGURE 4C

11/45

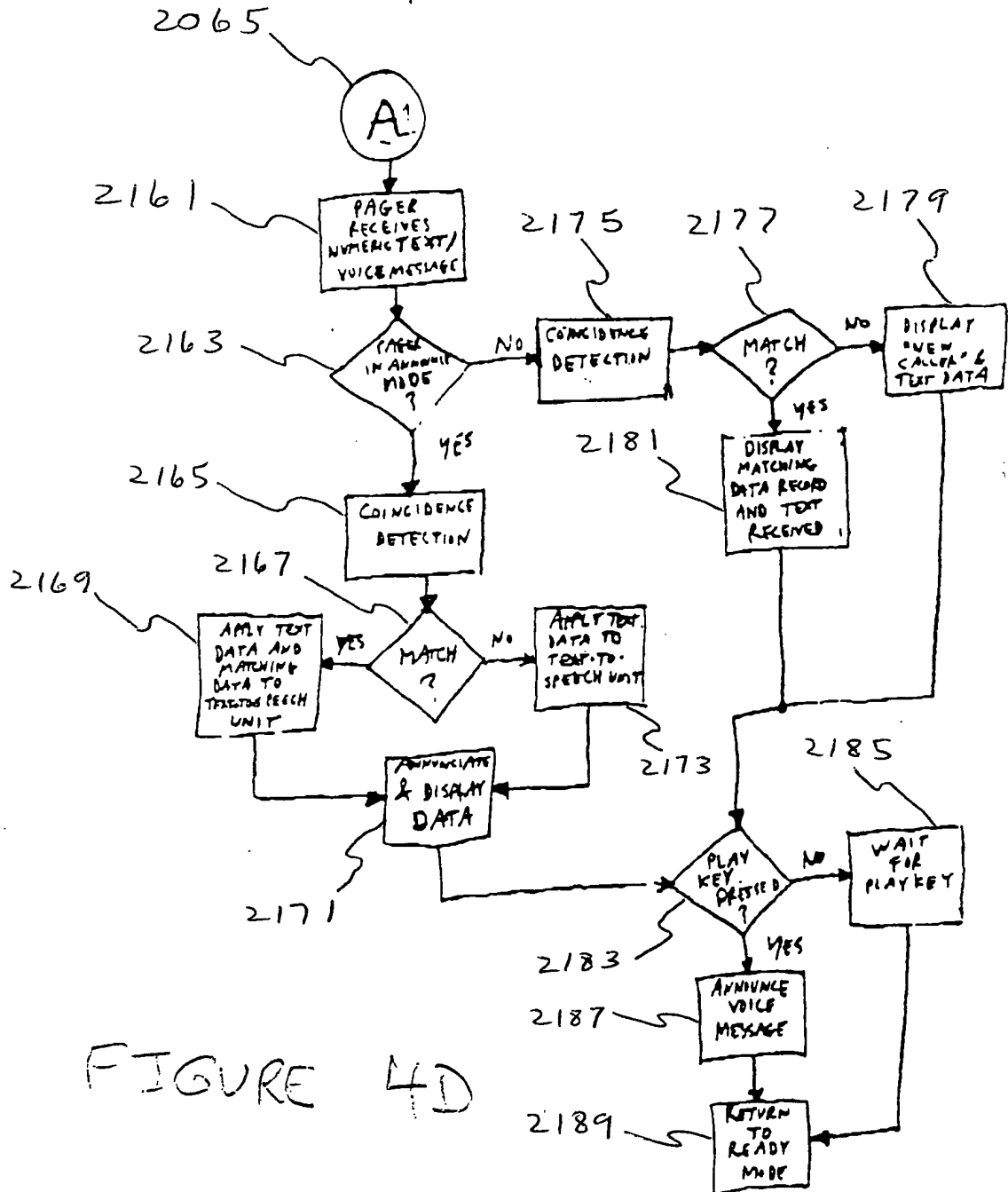
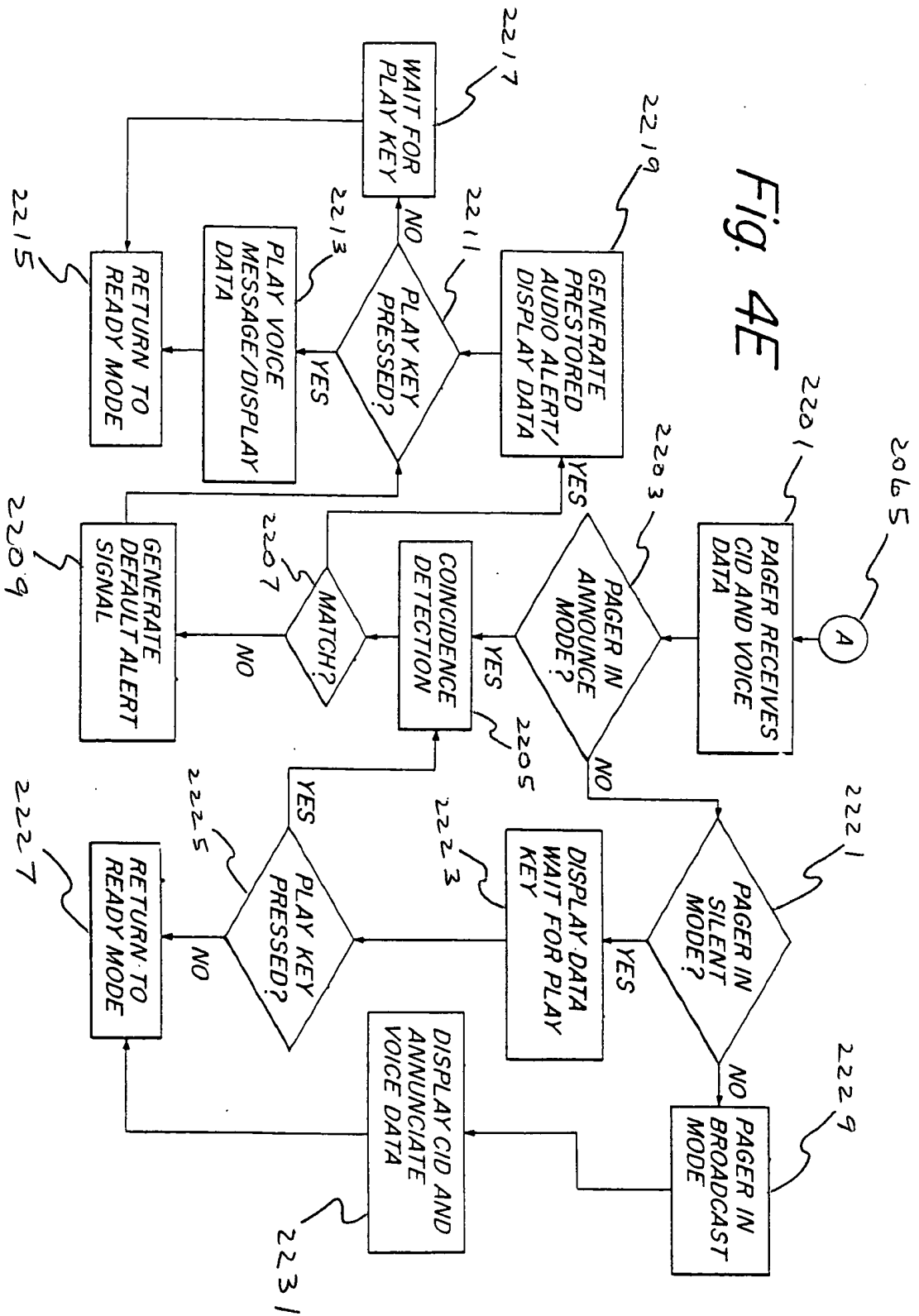


FIGURE 4D

Fig. 4E



12/45

13/45

✓ PRESTORED MEMORY RECORD

RECORD 1

DR. KAZUO HASHIMOTO
123 WEST RD.
SAN FRANCISCO CA 945M

(415)-555-1212 (H)
(415)-555-2222 (F)
(415)-766-1111 (M)





FIGURE 5A

13/45

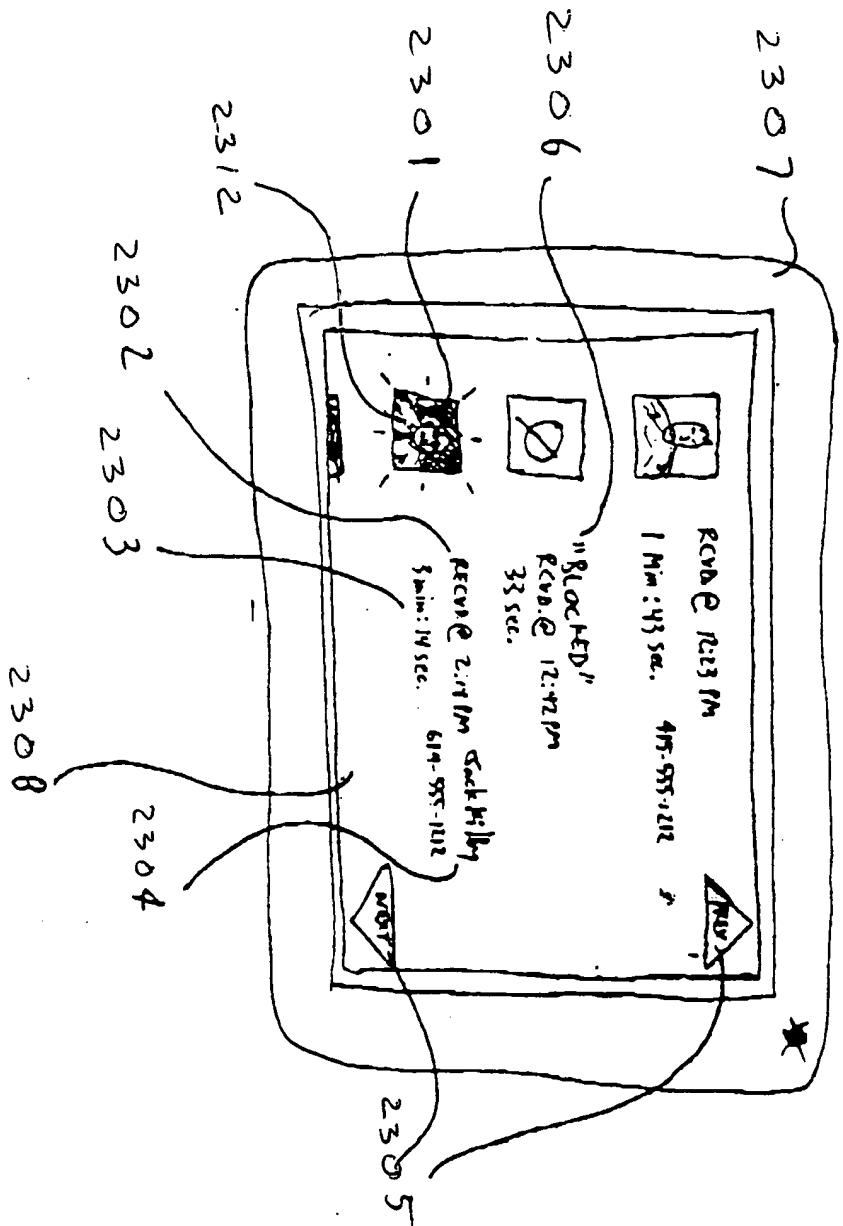


FIGURE 5B

SP/45




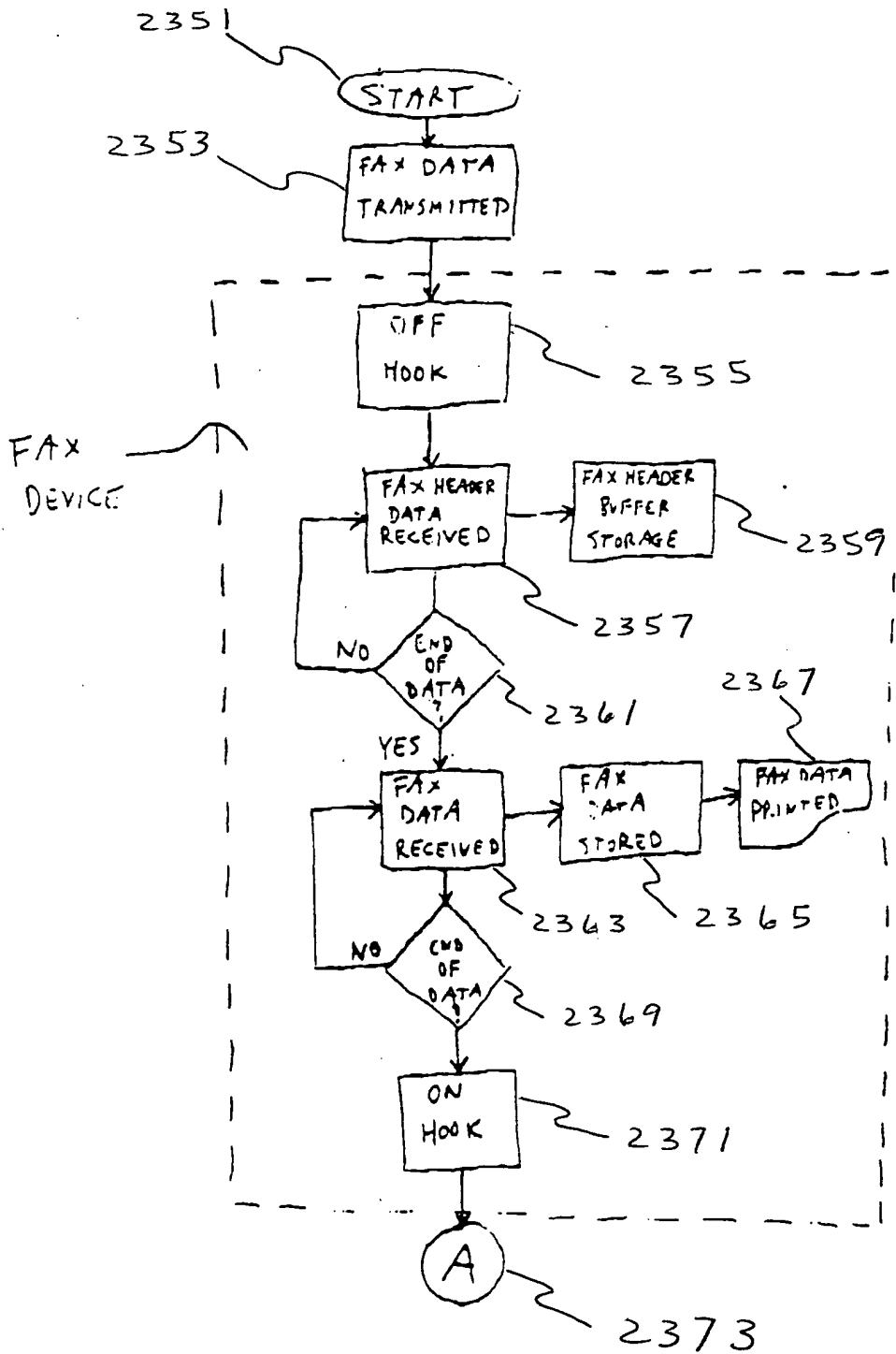
CALLER ID MEMORY ADDRESS REGISTER				
CALL	CALLING NUMBER	CALLING NAME	TIME/DATE	VOICE DATA
1	415-555-1212	KAZUO HASHIMOTO	12:23 PM 3/13/93	
2	BLOCKED	BLOCKED	12:42 PM 3/13/93	BLOCKED
3	619-555-1212	JACK KILBY	02:14 PM 3/13/93	
.				.
.				.
.				.
.				.
.				.
.				.
.				.
X	817-555-1212	THOMAS EDISON	01:33 AM 3/14/93	

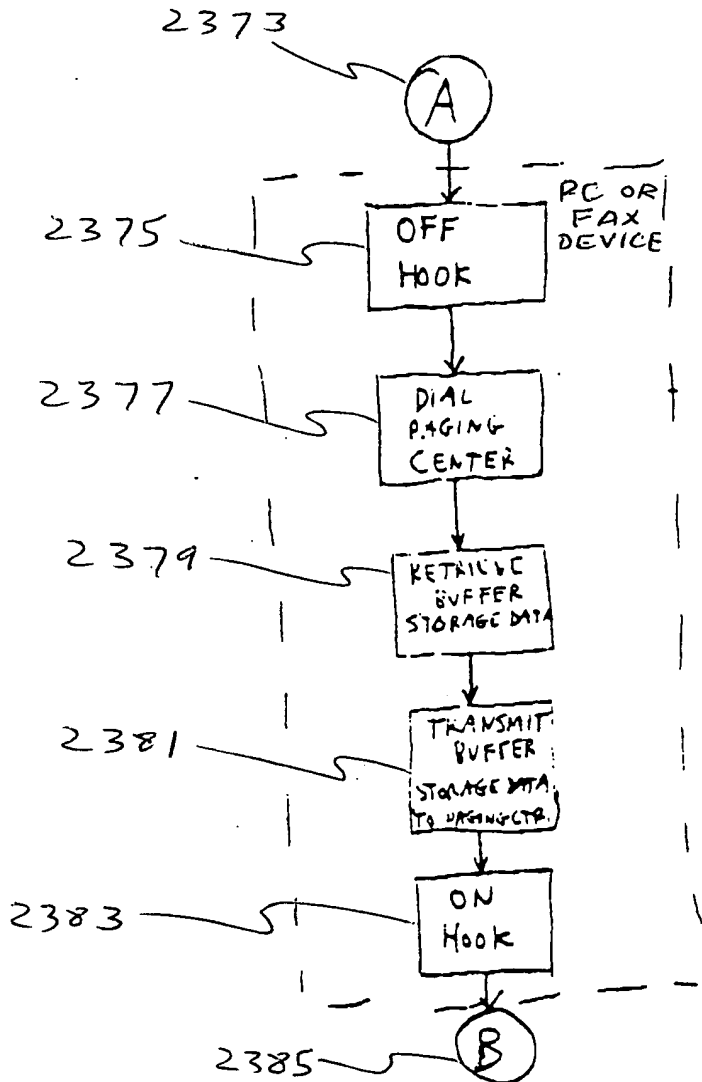
Fig. 5C

FIGURE 6A



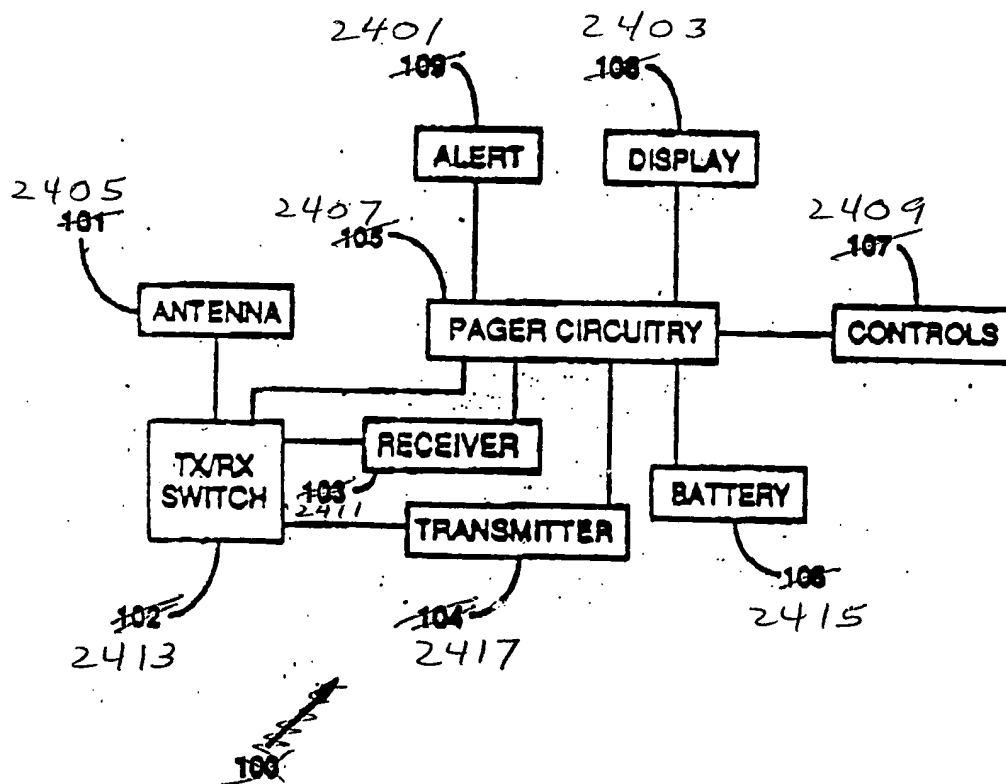
16/45

FIGURE 6B



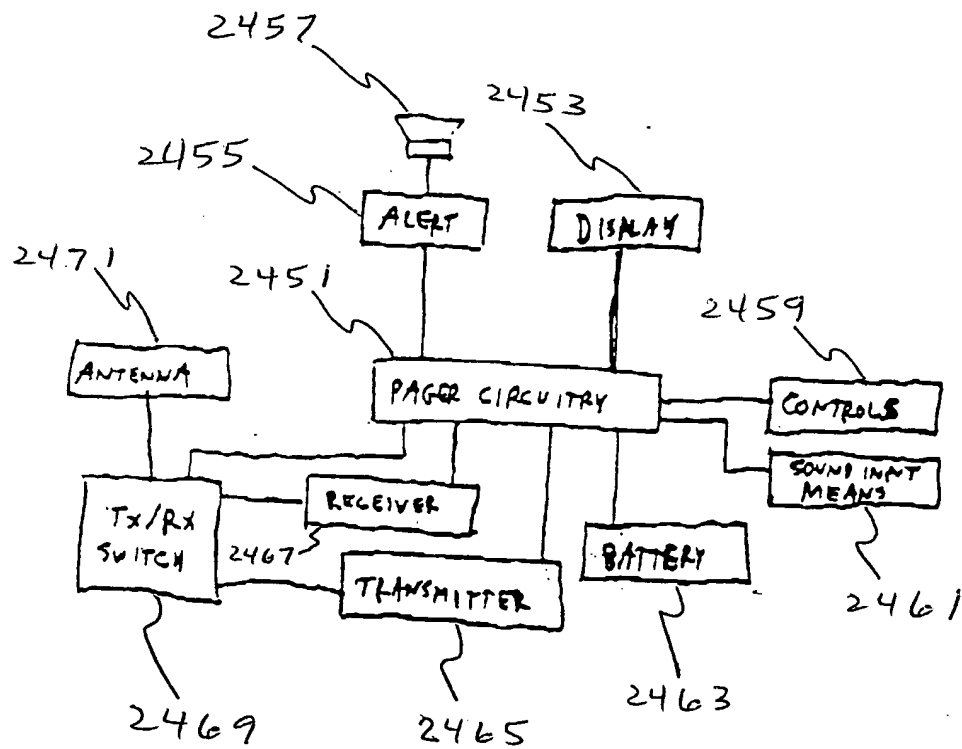
17/45

FIGURE 7A



18/45

FIGURE 7B



19/45

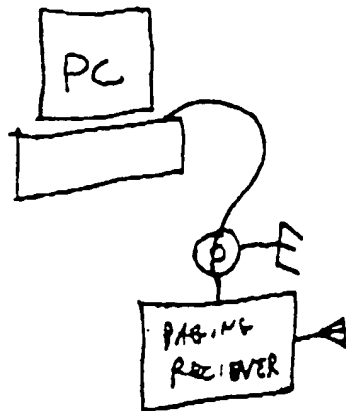


FIGURE 8A

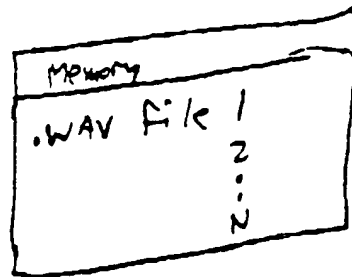


FIGURE 8B

FIGURE 9A

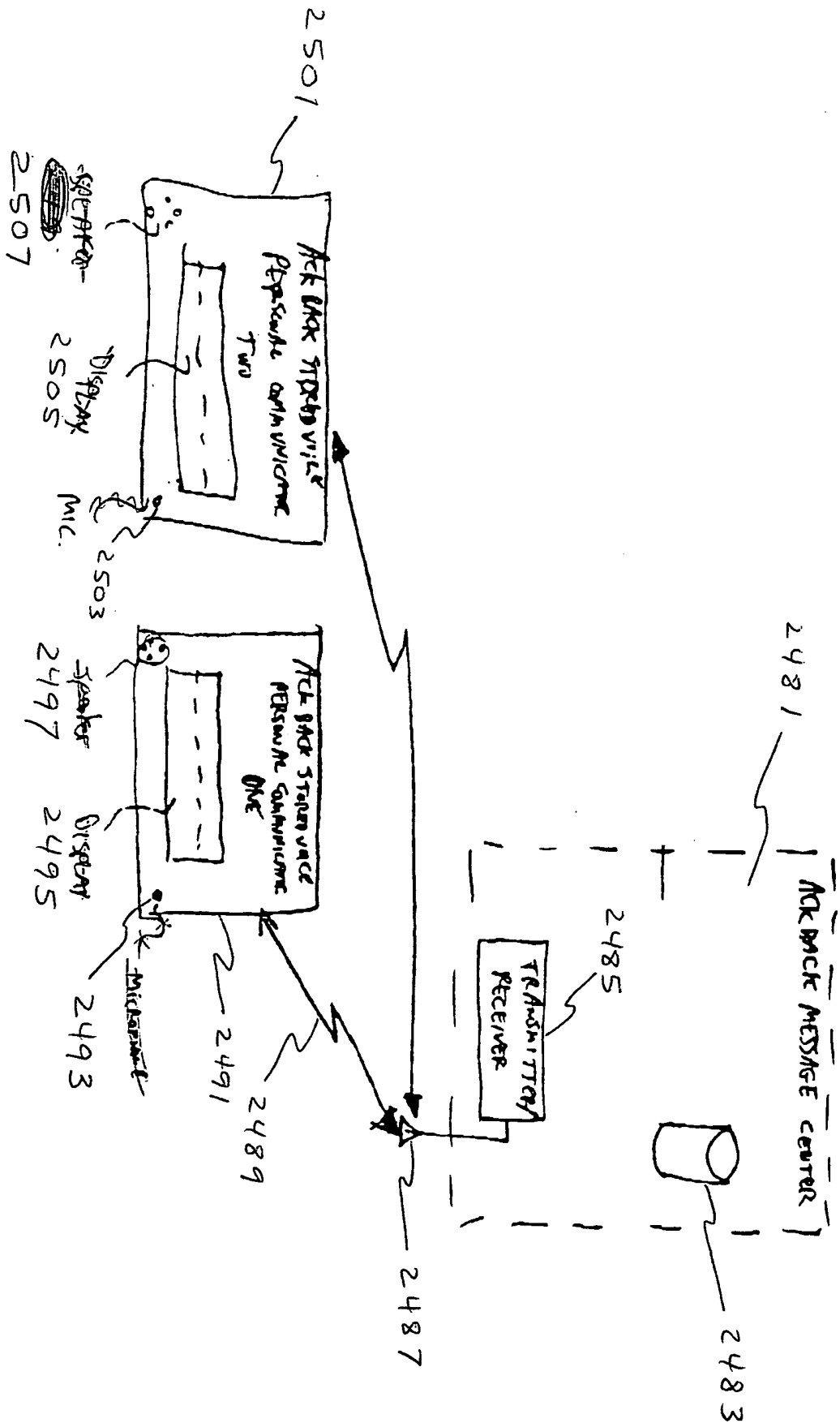
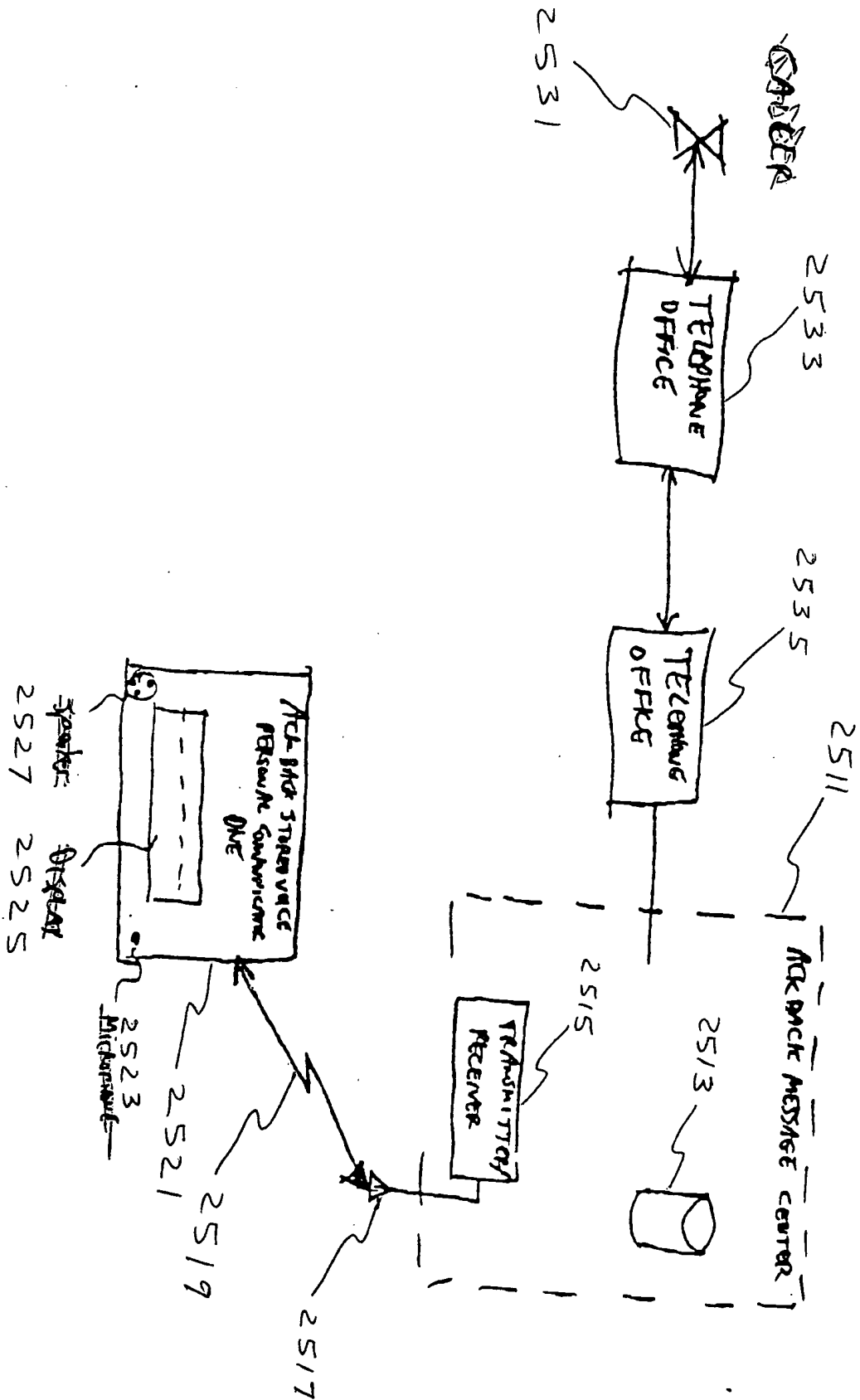


FIGURE 9B



22/45

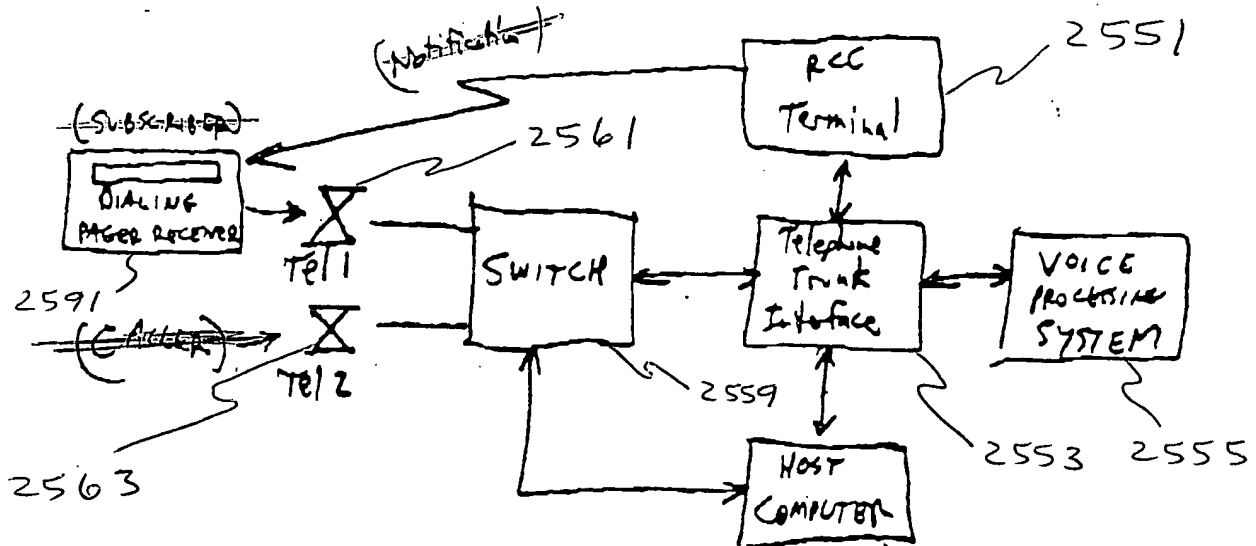


FIGURE 10

2557

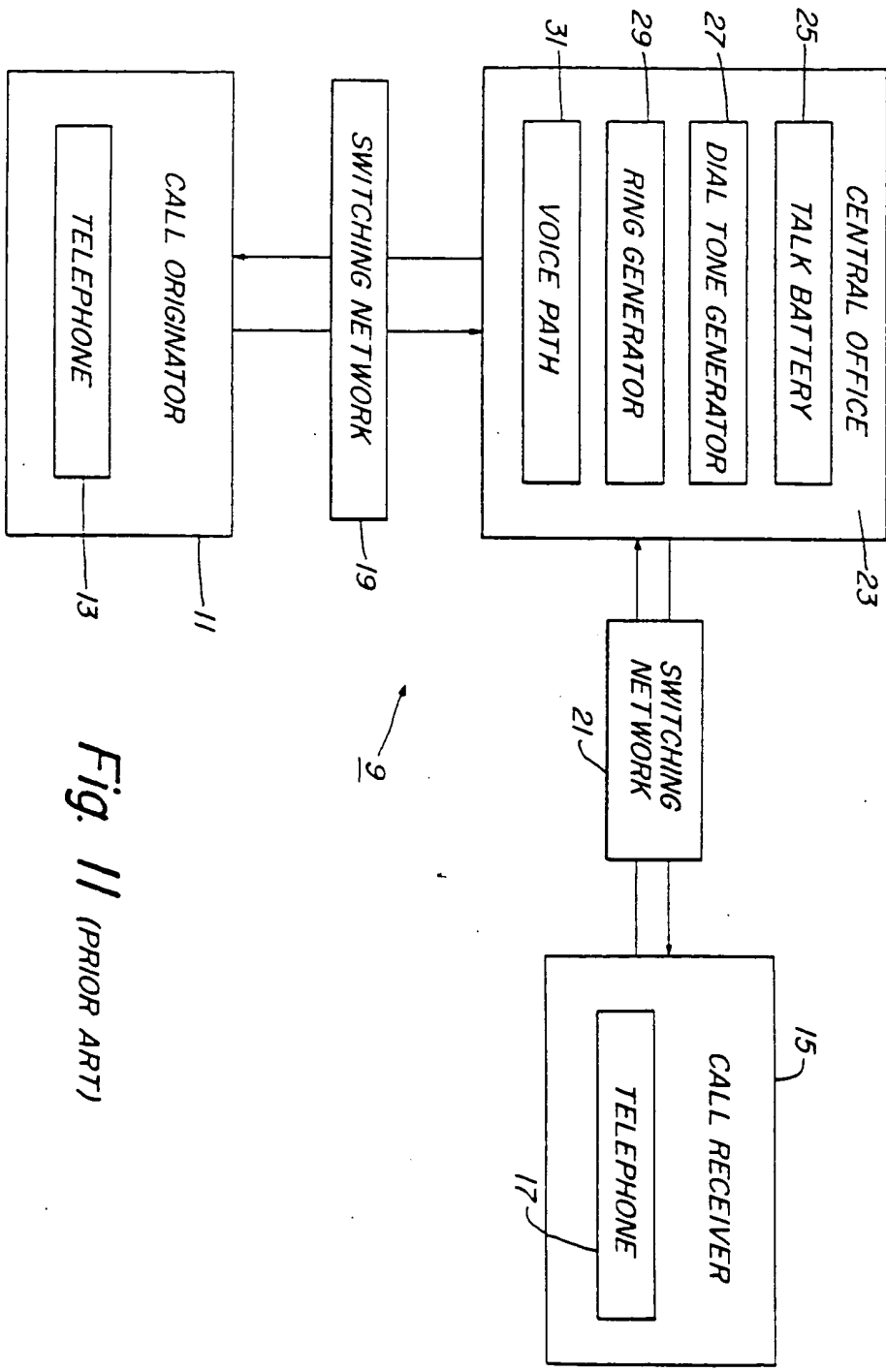


Fig. 11 (PRIOR ART)

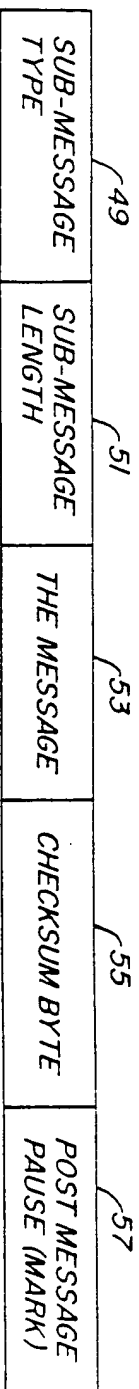
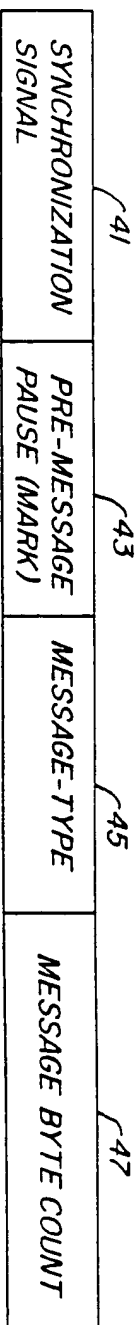
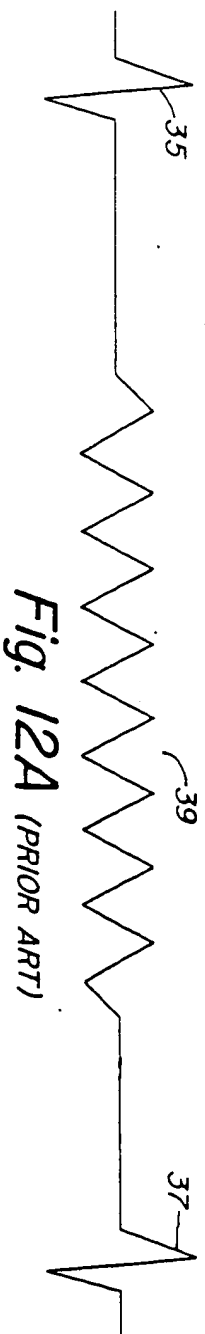


Fig. 12B (PRIOR ART)

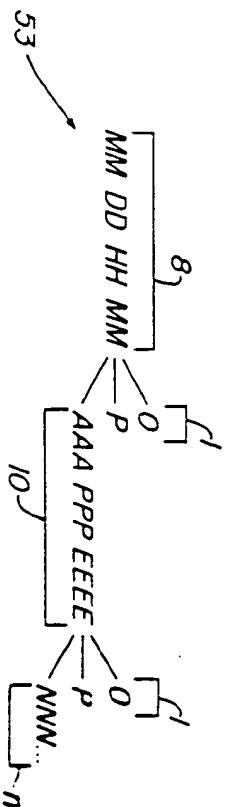
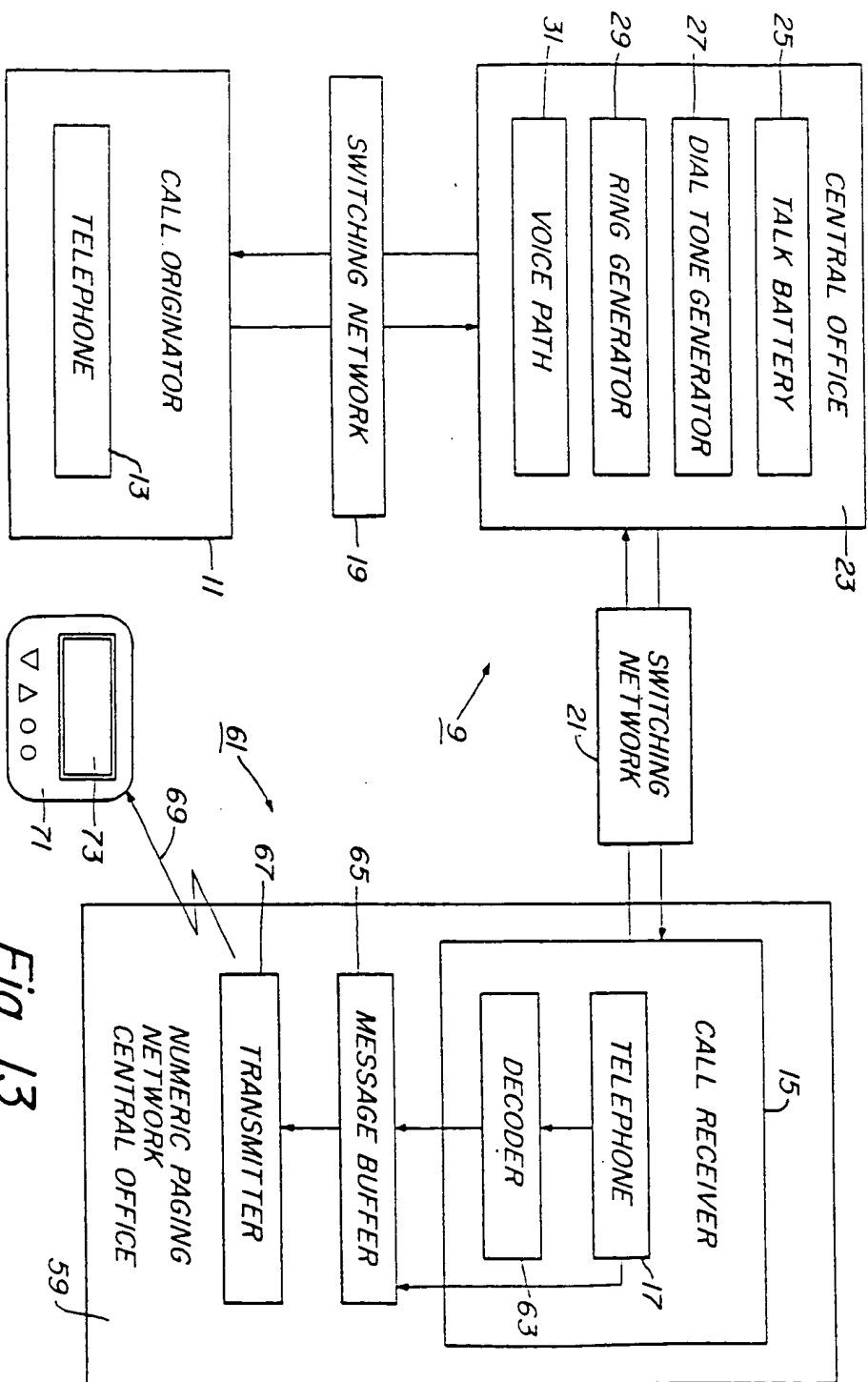


Fig. 12C (PRIOR ART)

25/45



26/55

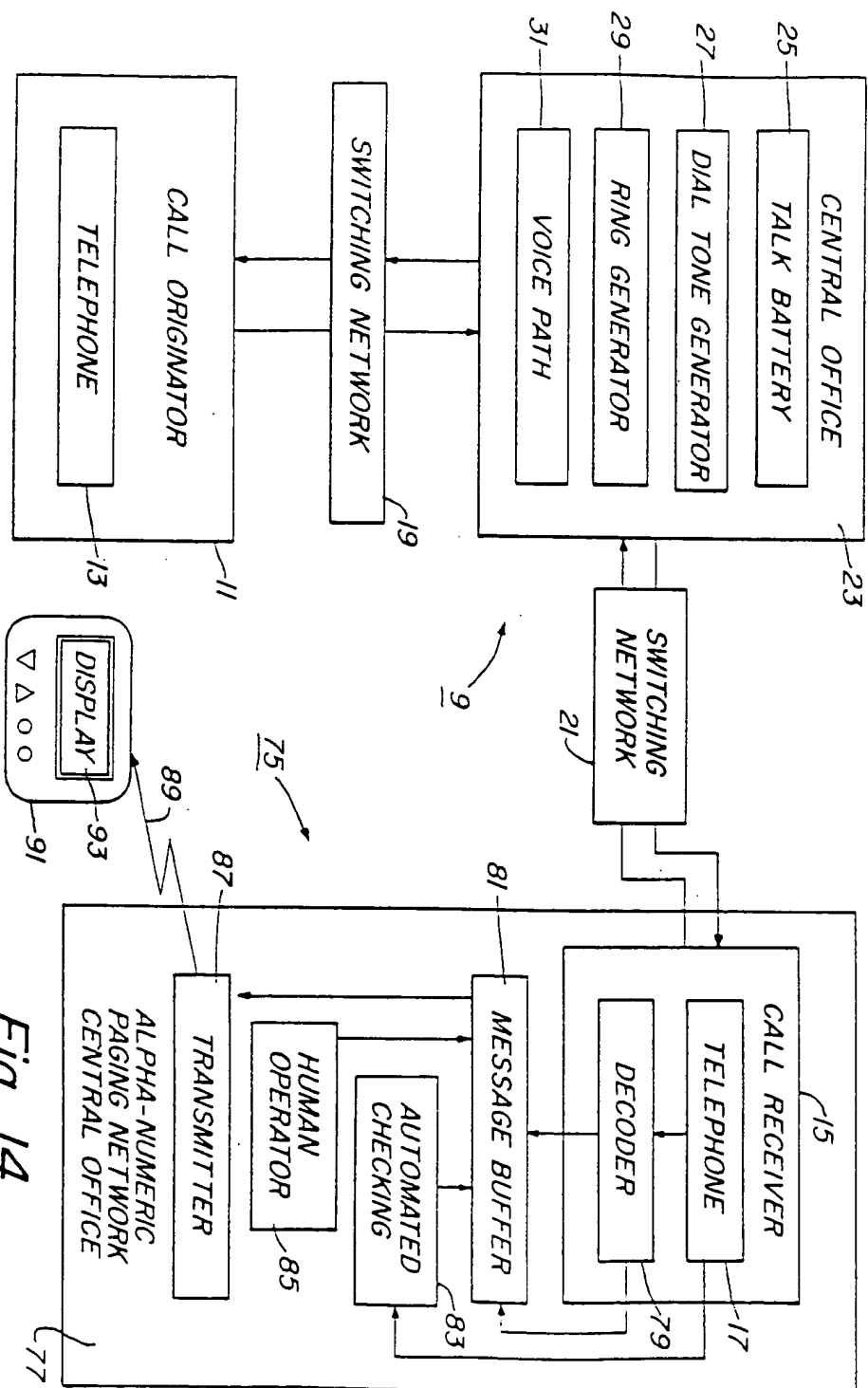


Fig. 14

27/45

MESSAGE CODE NO.	TEXTUAL MESSAGE
*1	CALL WHEN YOU RETURN
*2	VOICE MAIL RECEIVED
*3	FAX MAIL RECEIVED
*4	ELECTRONIC MAIL RECEIVED
*5	IMAGE DATA RECEIVED
*6	OTHER DATA RECEIVED
*911	CALL IMMEDIATELY
.	
.	
.	

Fig. 15

23/45

1	CALLER LOCATION DATA	(NUMERIC CALLER ID DATA FROM TEL. CO.)	CALLER IDENTIFICATION DATA (DTMF ENTRY BY CALLER)	CALLER MESSAGE CODE (DTMF ENTRY)
2	NNNN...		ABC...	NN
	MMMMMM...		DEF	MM
49	XXXXX...		LMN...	ZL...
50	KKKKK...		WXY...	02

Fig. 16

29,45

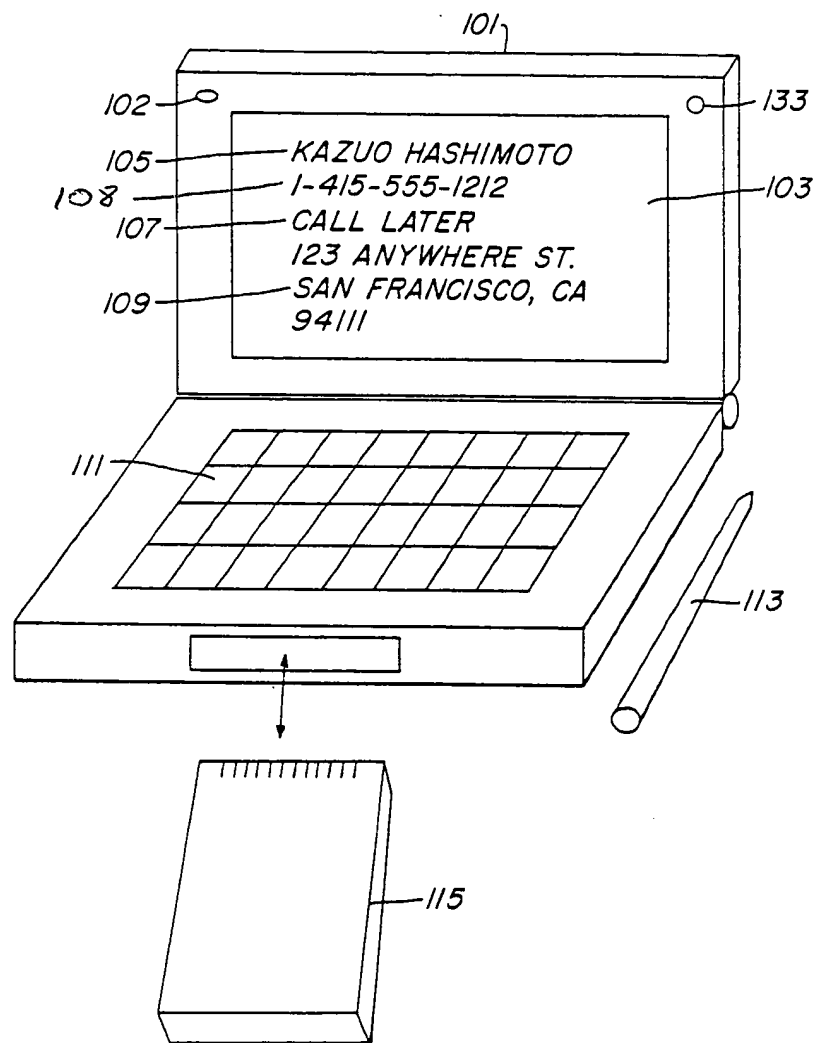


Fig. 17

30/15

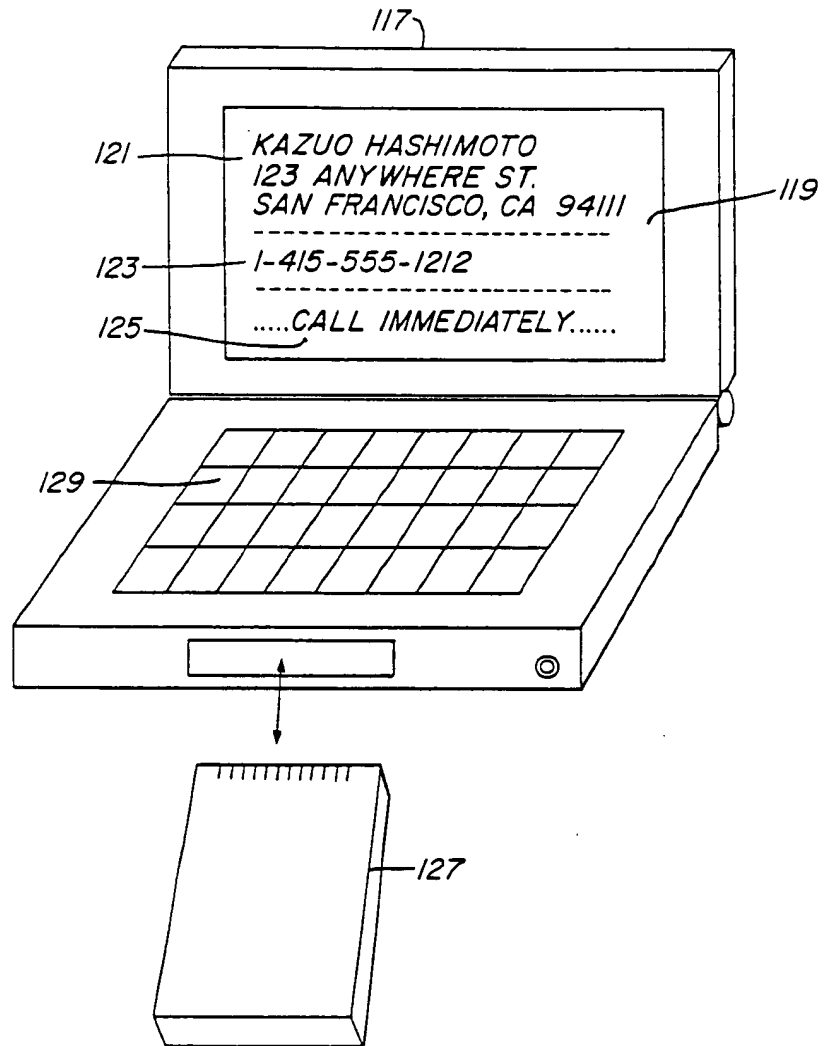


Fig. 18

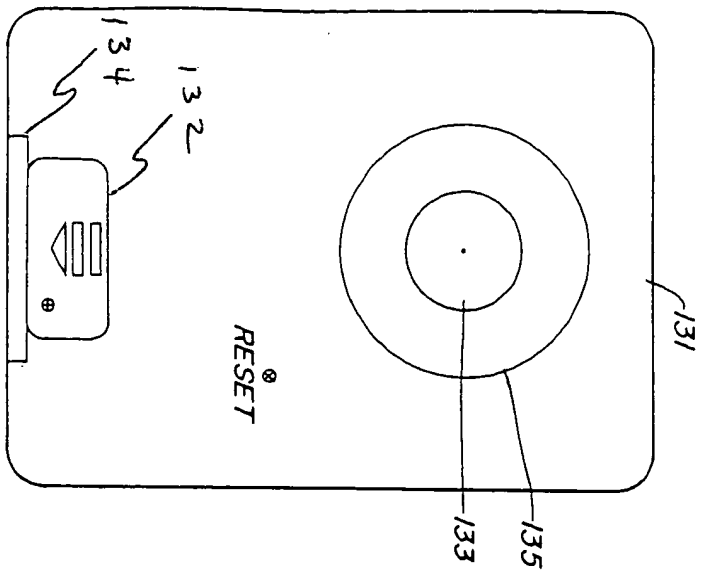


Fig. 19A

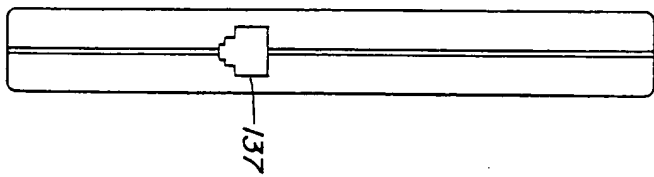


Fig. 19B

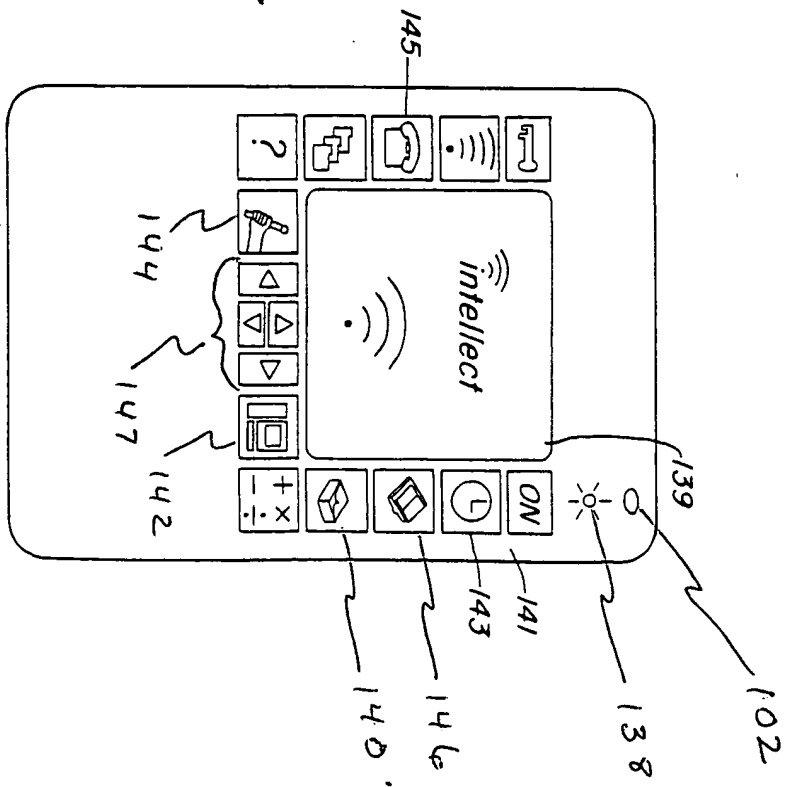
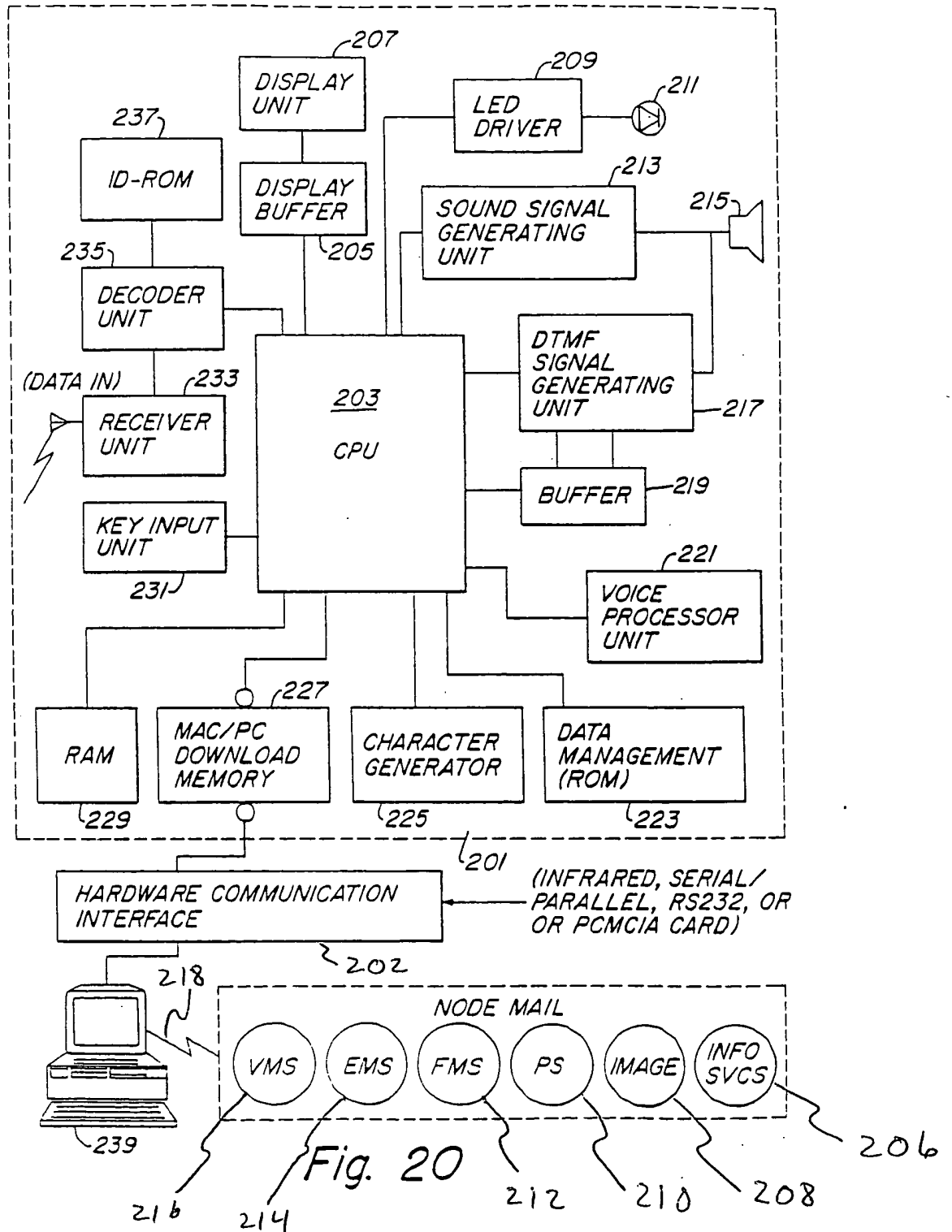


Fig. 19C



33/45

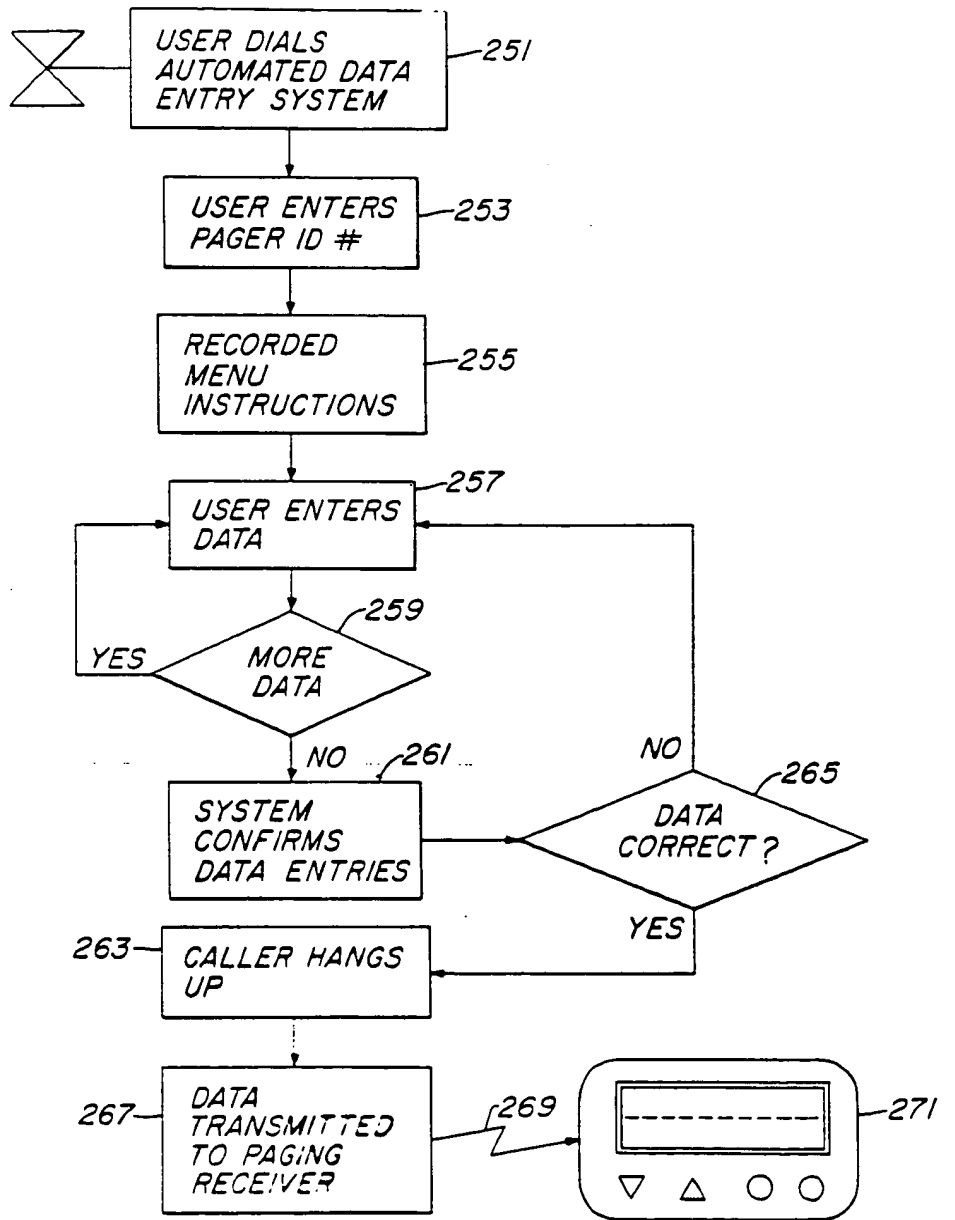


Fig. 21

34/45

TEL. NO.	FAX NO.	NAME	OTHER DATA	NT
1-415-555-1212 1-503-777-8889 1-415-541-0500	1-415-555-2121 1-503-777-8889 1-510-444-1212	KAZUO HASHIMOTO ABC COMPANY ZYZ INC.	123 ANYWHERE ST., SAN FRANCISCO, CA 1 TEST PLAZA, PORTLAND, OR 8 WAY, SAN FRANCISCO, CA	VI BL T

Fig. 22

35/45

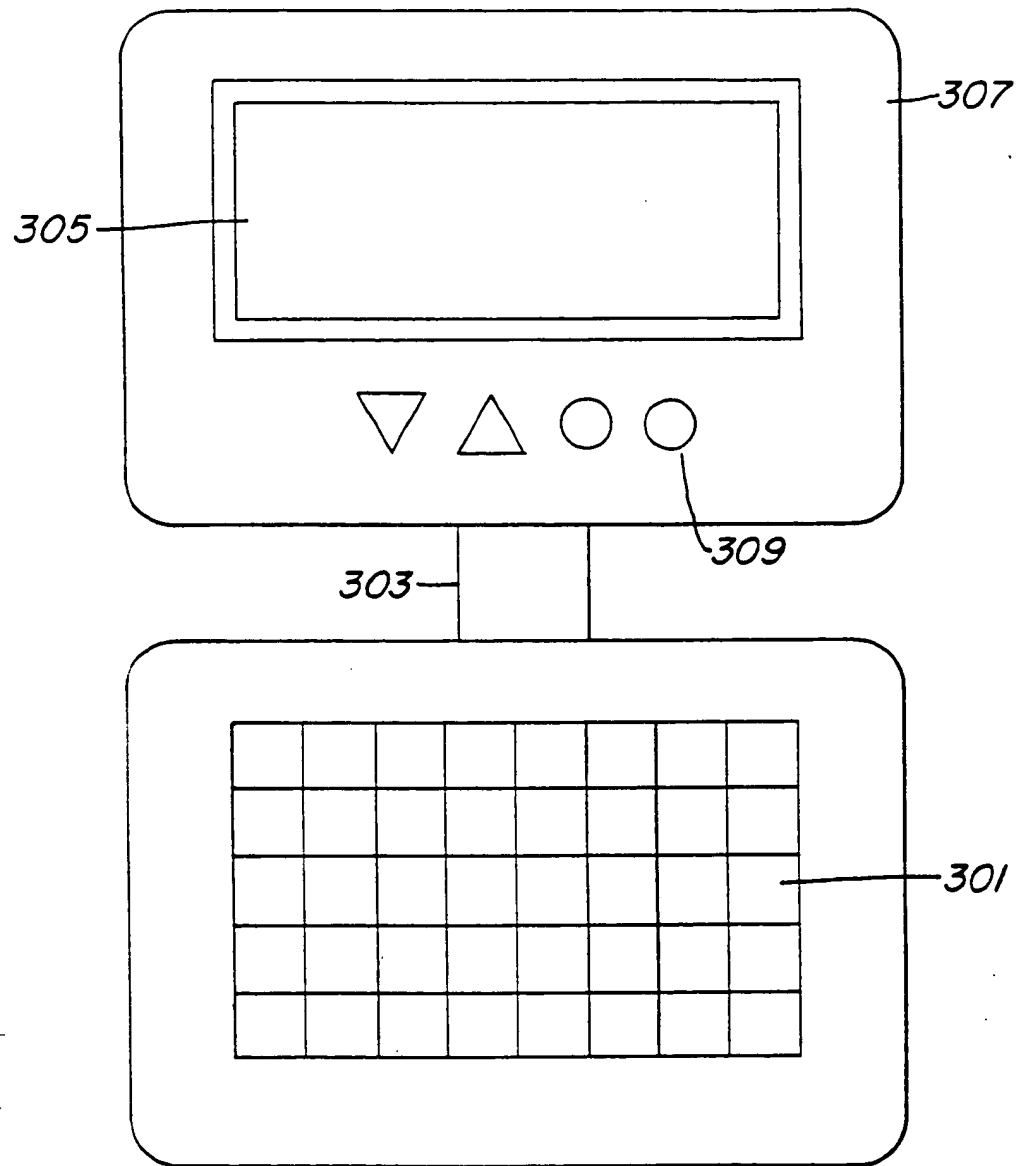


Fig. 23

36/45

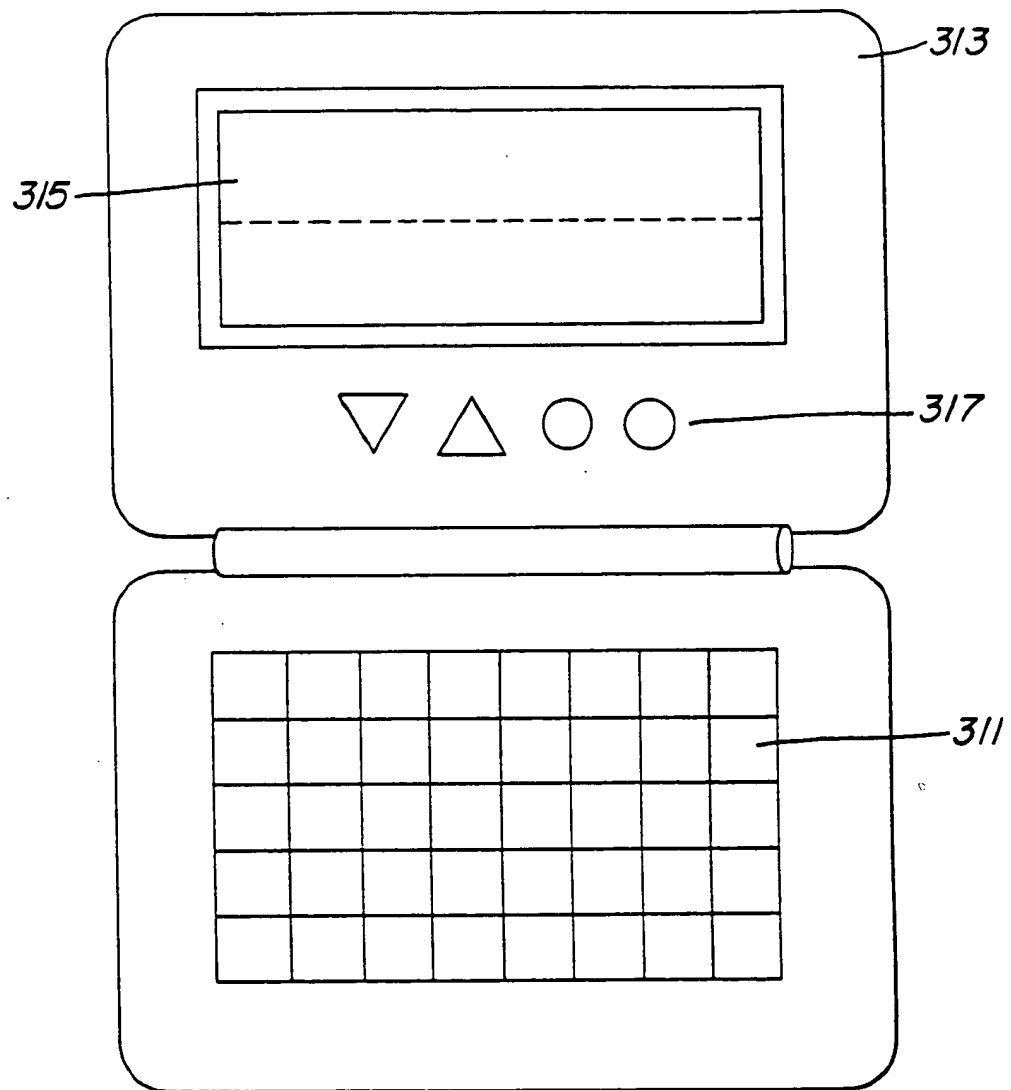


Fig. 24

37/45

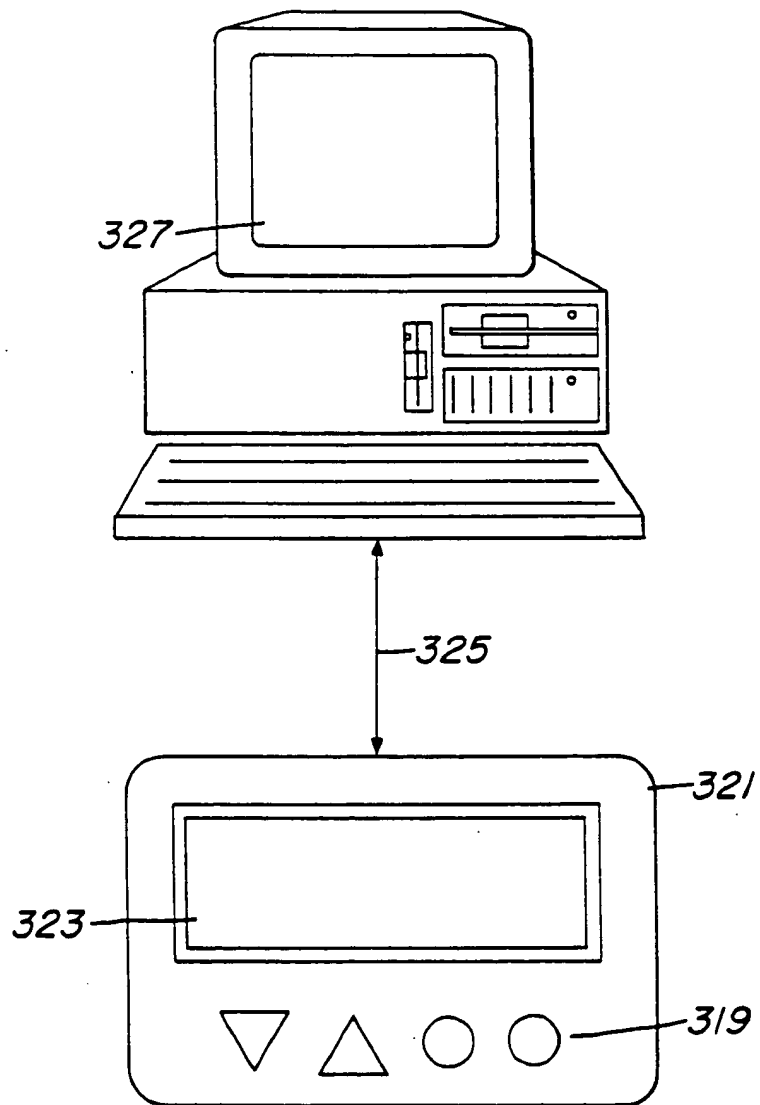


Fig. 25

38/45

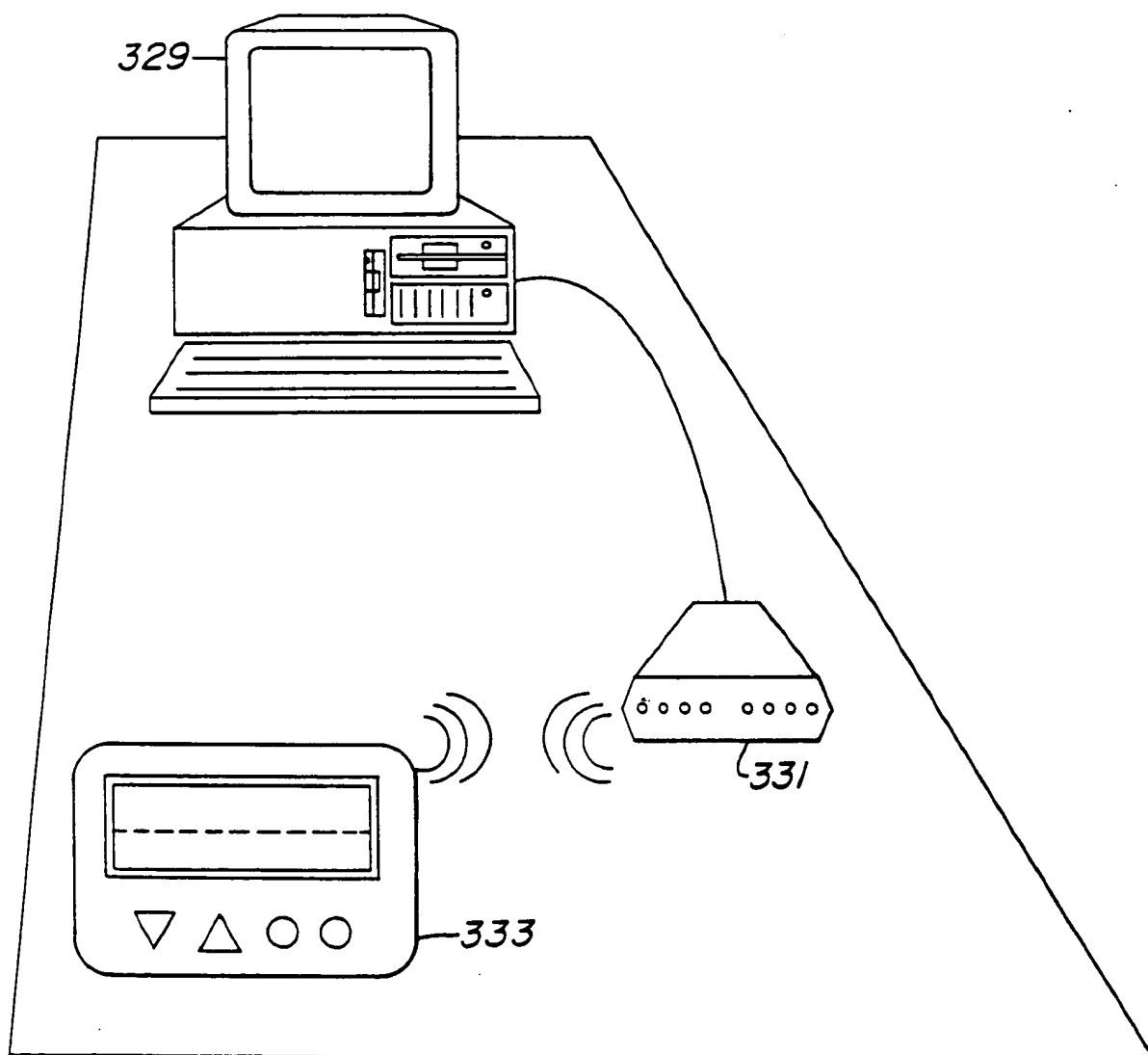


Fig. 26

39/45

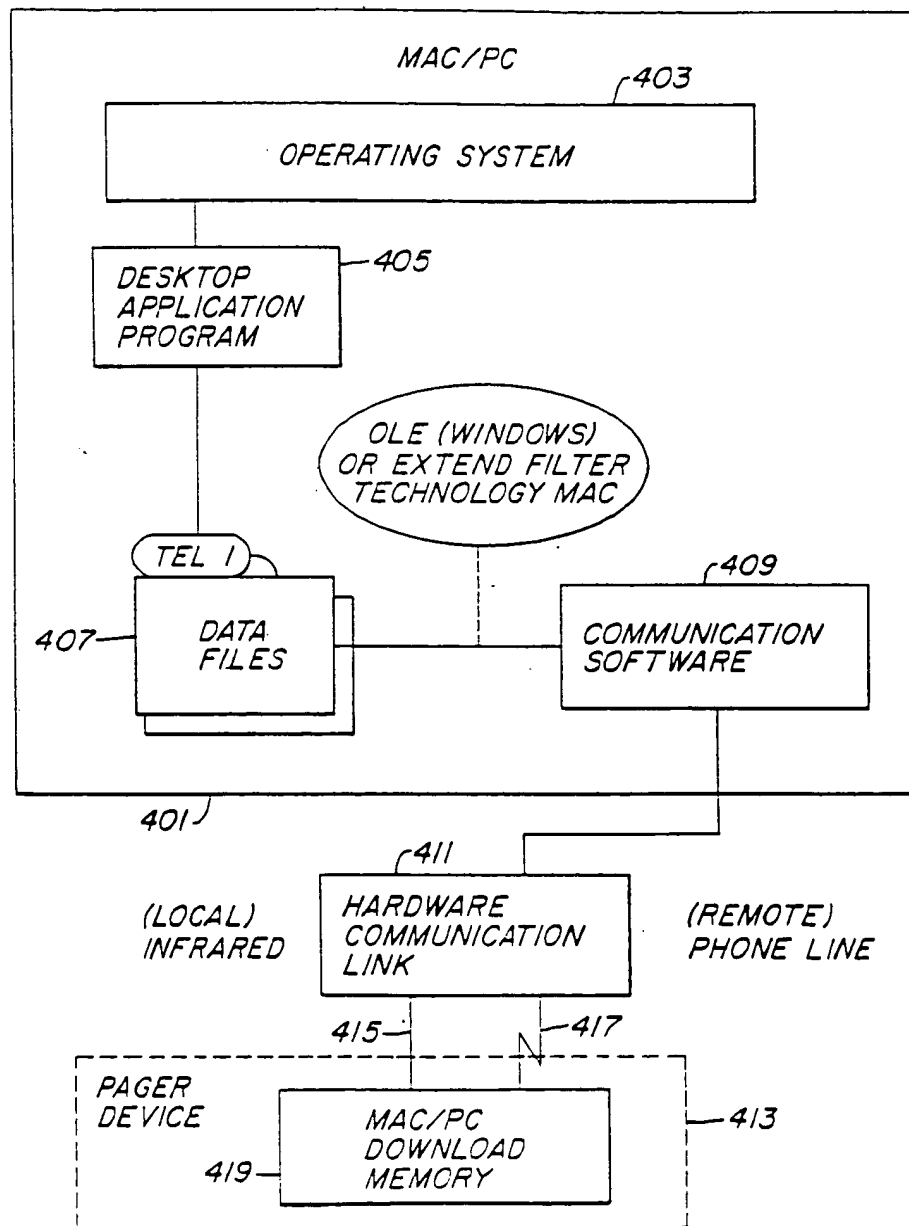


Fig. 27

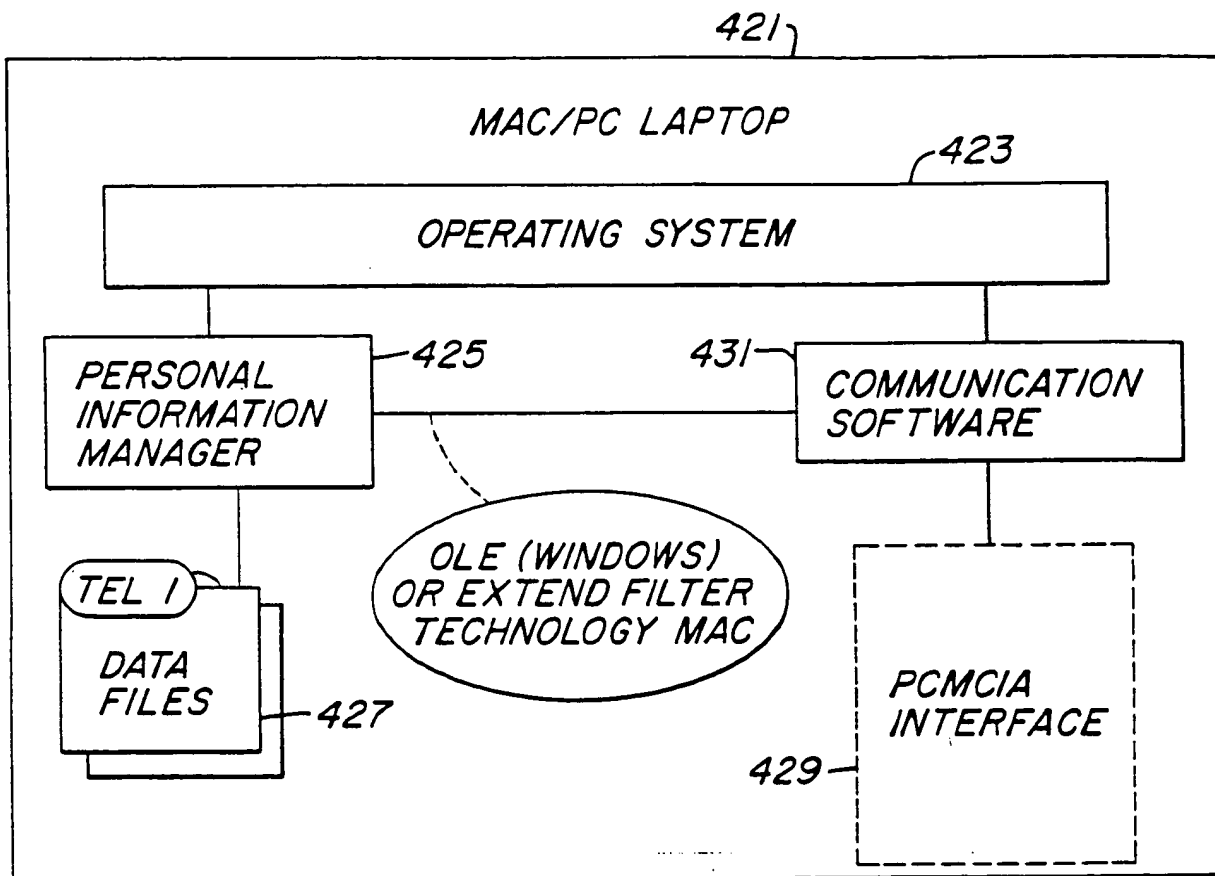
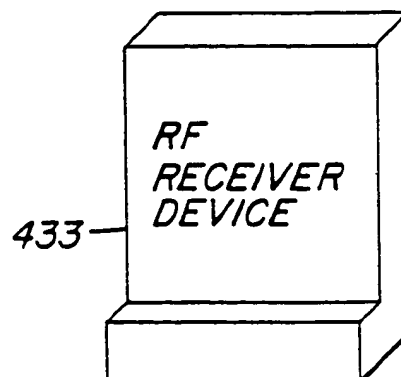


Fig. 28



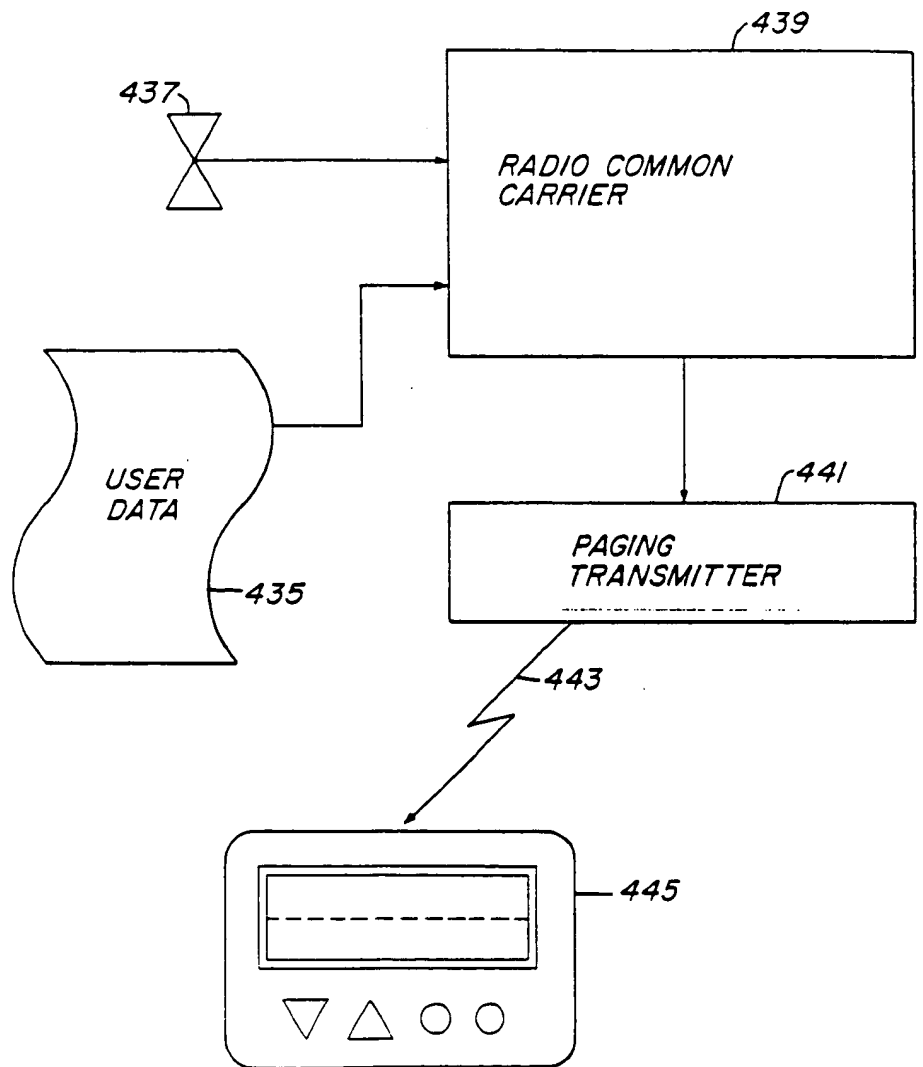


Fig. 29

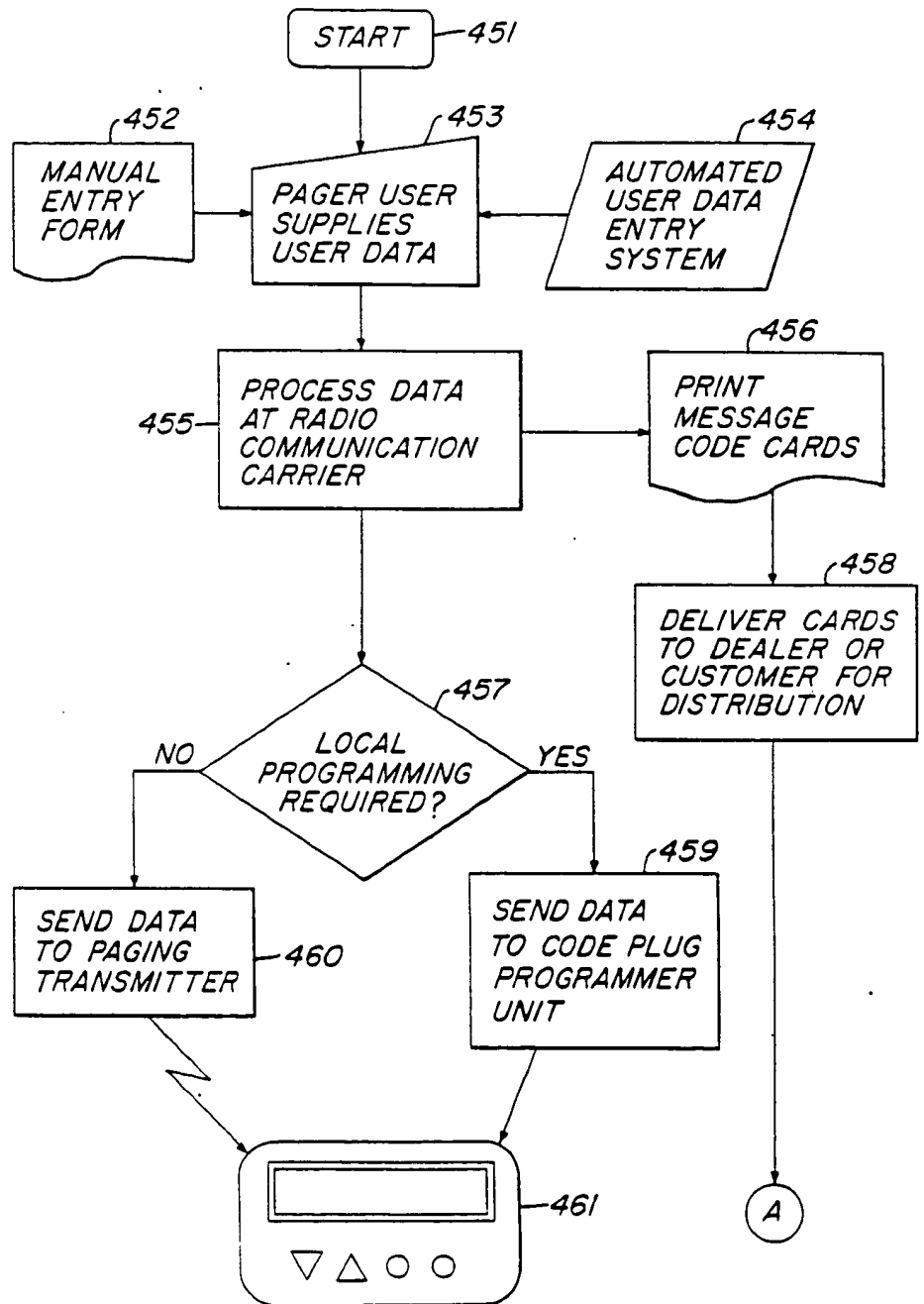


Fig. 30

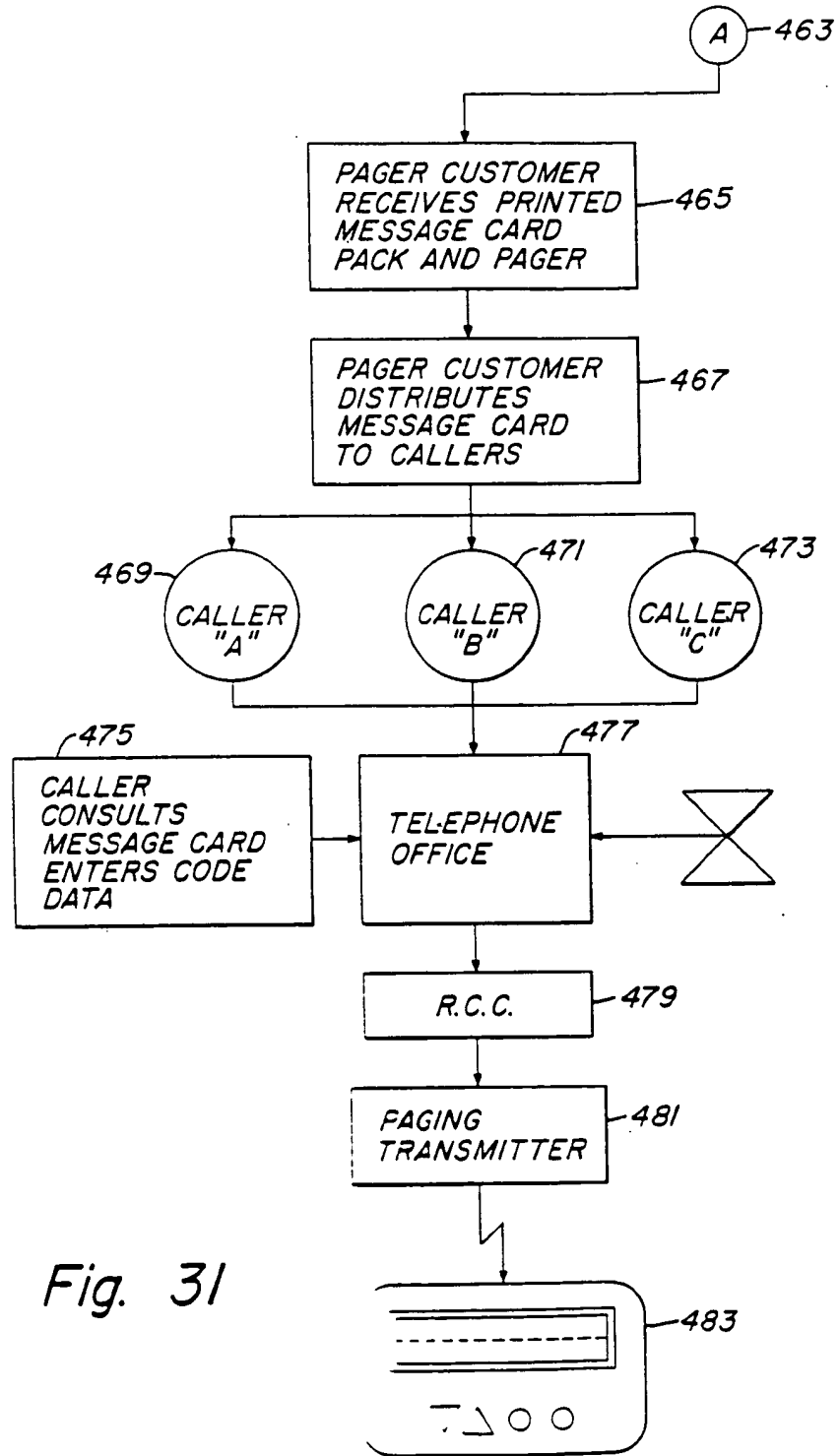


Fig. 31

44/45

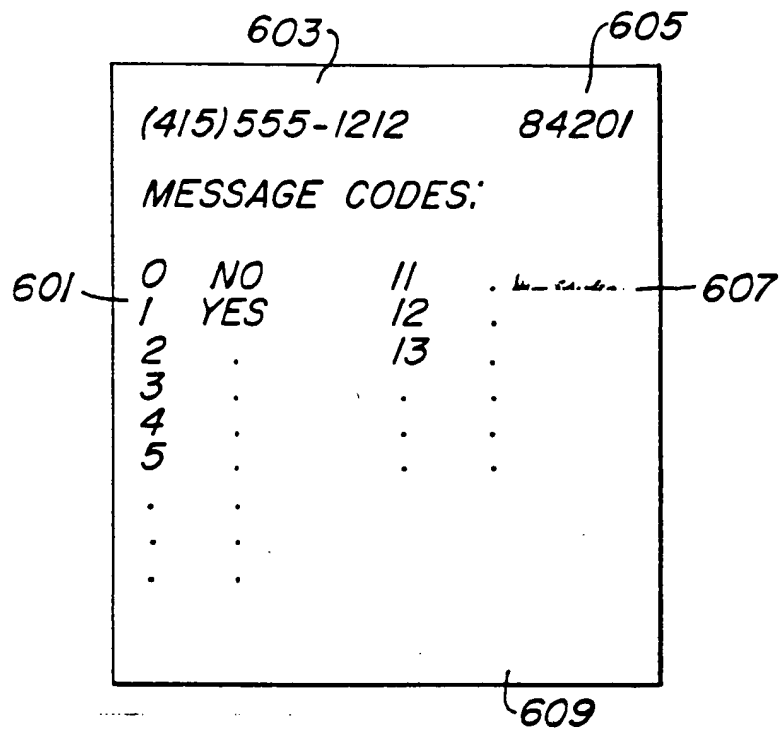


Fig. 32

45/45

MESSAGE CODE	(PLEASE PRINT)
11	P I C K U P T H E K I D S
12	
.	.
.	.
.	.
.	.
.	.
.	.
PHONE DATA	NAME DATA
5 5 5 1 2 1 2	JOHN SMITH
5 5 5 1 3 1 3	JOHN SMITH-FAX
.	.
.	.
.	.

Fig. 33